

# Appendix A Level I Data



## ***Introduction***

Appendix A reports the values recorded by Level I volunteers on each lake during the 2002 water year. To provide accurate values in an efficient format, the weekly totals of recorded precipitation and weekly averages of water levels are shown. Volunteers recorded Secchi depths and water temperature as well as plant, algae and Canada goose presence on a weekly basis. Where needed, abbreviations or edits have been used. However, the original data will be retained and made available by request.

Similar to the 2001 report, summaries of Lake Sammamish data are also included. Lake Sammamish volunteers followed different protocols than the small lakes volunteers. The Lake Sammamish data are summarized first, then the data sets from each of the five volunteers are presented separately.

## ***Precipitation Reports***

Level I precipitation totals reported in Appendix A may differ slightly from the Level I precipitation charted in Chapter 3. Appendix A reports weekly rainfall totals for weeks in which the volunteer missed only one day, or no days. If there were two or more days with no associated precipitation value, it was considered an incomplete week and was not included with the weekly total in the annual sum. Because precipitation amounts can vary dramatically from one day to the next, it could be very misleading to report a weekly total if the days missed were heavy rain days.

## ***Lake Level Reports***

Incomplete lake levels records are less likely to produce misleading results because daily differences in lake levels are often much smaller than daily differences in precipitation. Therefore averages are included for all weeks with at least one day of data reported.

Source data are available upon request for any lake in Appendix A.

## Appendix A - Level I Data

### Alice

Daily Data Summary					Weekly Data Summary								
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count
1-Oct-01			30.0	1									
8-Oct-01	35.0	4	29.0	1									
15-Oct-01	33.0	2	32.5	2	14-Oct-01	1:00 PM	3.00	13.0					
22-Oct-01	58.0	3	39.0	3									
29-Oct-01	24.0	1	45.0	1									
5-Nov-01													
12-Nov-01													
19-Nov-01													
26-Nov-01													
3-Dec-01													
10-Dec-01													
17-Dec-01													
24-Dec-01													
31-Dec-01	2.0	1	53.0	2									
7-Jan-02	10.0	2	62.3	3									
14-Jan-02	55.0	4	75.0	1									
21-Jan-02	78.0	6											
28-Jan-02	26.0	2	74.7	3									
4-Feb-02	48.0	3	68.7	3									
11-Feb-02			65.0	1									
18-Feb-02	5.0	1	65.0	1									
25-Feb-02	<b>112.0</b>	4	68.5	2									
4-Mar-02	54.0	2	66.5	2									
11-Mar-02	74.0	6	68.0	1									
18-Mar-02	32.0	4	69.0	1									
25-Mar-02	16.0	3	67.7	3									
1-Apr-02	0.0	3	66.0	1									
8-Apr-02													
15-Apr-02	27.0	3	75.0	2									
22-Apr-02	14.0	3	66.5	4									
29-Apr-02	7.0	1	66.0	6									
6-May-02	9.0	1	65.0	1									
13-May-02	4.0	1	65.0	1									
20-May-02	6.0	1											
27-May-02	26.0	3											
3-Jun-02	26.0	3											
10-Jun-02	0.0												
17-Jun-02	9.0	2	60.0	1									
24-Jun-02	52.0	3	62.0	1									
1-Jul-02													
8-Jul-02													
15-Jul-02													
22-Jul-02													
29-Jul-02													
5-Aug-02													
12-Aug-02													
19-Aug-02													
26-Aug-02													
2-Sep-02													
9-Sep-02													
16-Sep-02													
23-Sep-02													
<b>Min</b>	0.0		29.0			<b>Min</b>	3.00	13.0					
<b>Max</b>	112.0		75.0			<b>Max</b>	3.00	13.0					
<b>Total</b>	842.0												

Number in bold is anomalously high compared to other lakes in the region.

**Allen**

Daily Data Summary					Weekly Data Summary									
	Sum		Avg lk											
	precip.	# of	level	# of	Sample	Sample	Secchi	Temp	Algae	Algae	Plants	Plants	Goose	
Week of	(mm)	days	(cm)	days	date	time	(m)	(°C)	shore	deep	shore	deep	count	
1-Oct-01					30-Sep-01	4:00 PM	0.75	15.5						
8-Oct-01					7-Oct-01	2:00 PM	0.75	14.0						
15-Oct-01														
22-Oct-01					21-Oct-01	2:00 PM	0.50	11.0						
29-Oct-01	12.1	4	50.5	4	28-Oct-01	2:00 PM	0.50	10.5						
5-Nov-01	0.1	7	51.9	7	4-Nov-01	2:00 PM	0.50	10.0						
12-Nov-01	117.0	7	82.6	7	11-Nov-01	2:00 PM	0.50	10.0						
19-Nov-01	64.1	7	86.9	7	18-Nov-01	2:00 PM	0.50	10.0						
26-Nov-01	36.0	5	75.0	5	25-Nov-01	12:00 PM	0.75	8.0						
3-Dec-01														
10-Dec-01														
17-Dec-01														
24-Dec-01														
31-Dec-01														
7-Jan-02														
14-Jan-02														
21-Jan-02														
28-Jan-02														
4-Feb-02														
11-Feb-02														
18-Feb-02														
25-Feb-02														
4-Mar-02														
11-Mar-02														
18-Mar-02														
25-Mar-02														
1-Apr-02														
8-Apr-02														
15-Apr-02														
22-Apr-02														
29-Apr-02														
6-May-02														
13-May-02														
20-May-02														
27-May-02														
3-Jun-02														
10-Jun-02														
17-Jun-02														
24-Jun-02														
1-Jul-02														
8-Jul-02														
15-Jul-02														
22-Jul-02														
29-Jul-02														
5-Aug-02														
12-Aug-02														
19-Aug-02														
26-Aug-02														
2-Sep-02														
9-Sep-02														
16-Sep-02														
23-Sep-02														
Min	0.1		50.5			Min	0.50	8.0						
Max	117.0		86.9			Max	0.75	15.5						
Total	229.2													

## Appendix A - Level I Data

### Ames

Daily Data Summary					Weekly Data Summary									
	Sum		Avg lk											
	precip.	# of	level	# of	Sample	Sample	Secchi	Temp	Algae	Algae	Plants	Plants	Goose	
Week of	(mm)	days	(cm)	days	date	time	(m)	(°C)	shore	deep	shore	deep	count	
1-Oct-01	0.1	7	42.0	7	30-Sep-01	2:25 PM	4.00	18.0						
8-Oct-01	62.0	7	42.6	7	7-Oct-01	6:00 PM	3.75	16.5						
15-Oct-01	42.0	7	45.6	7	14-Oct-01	2:30 PM	4.25	15.0						
22-Oct-01	58.0	7	48.7	7	21-Oct-01	5:15 PM	4.00	13.5						
29-Oct-01	19.0	7	53.9	7	28-Oct-01	3:20 PM	3.75	12.0						
5-Nov-01	13.0	7	54.9	7	4-Nov-01	4:00 PM	4.00	11.5						
12-Nov-01	116.0	7	72.9	7	11-Nov-01	2:00 PM	4.00	10.0						
19-Nov-01	91.0	7	90.6	7	18-Nov-01	2:00 PM	3.75	10.0						
26-Nov-01	67.0	7	88.3	7	25-Nov-01	2:00 PM	3.50	9.0						
3-Dec-01	34.0	7	87.7	7	2-Dec-01	3:00 PM	4.00	7.5						
10-Dec-01	108.0	7	88.7	7	9-Dec-01	3:00 PM	4.00	6.5						
17-Dec-01	18.0	7	87.3	7	16-Dec-01	2:00 PM	3.50	6.5						
24-Dec-01	3.0	7	84.0	7	23-Dec-01	1:30 PM	5.00	5.5						
31-Dec-01	17.0	7	83.0	7	31-Dec-01	12:15 PM	4.50	5.0						
7-Jan-02	62.0	7	87.7	7	6-Jan-02	9:45 AM	4.00	5.0						
14-Jan-02	31.0	7	85.4	7	13-Jan-02	1:30 PM	4.75	6.0						
21-Jan-02	29.1	7	85.9	7	20-Jan-02	11:00 AM	4.25	5.0						
28-Jan-02	30.0	7	86.7	7	27-Jan-02	4:35 PM	4.75	4.5						
4-Feb-02	43.0	7	87.7	7	3-Feb-02	5:00 PM	4.50	4.5						
11-Feb-02	18.0	6	87.1	7	10-Feb-02	5:00 PM	4.50	4.5						
18-Feb-02	64.0	7	88.3	7	16-Feb-02	9:00 AM	4.50	5.0						
25-Feb-02	10.0	7	85.0	7	24-Feb-02	10:45 AM	4.50	6.5						
4-Mar-02	11.0	7	84.0	7	2-Mar-02	3:15 PM	4.50	7.0						
11-Mar-02	48.0	7	85.7	7	9-Mar-02	3:10 PM	3.50	6.0						
18-Mar-02	32.0	7	85.7	7	20-Mar-02	11:00 AM	3.50	7.0						
25-Mar-02	16.0	7	84.1	7	23-Mar-02	2:39 PM	4.00	8.0						
1-Apr-02	12.0	7	83.0	7	31-Mar-02	11:30 AM	4.50	8.0						
8-Apr-02	60.0	7	85.7	7	7-Apr-02	5:30 PM	5.00	11.0						
15-Apr-02	6.1	7	85.6	7	14-Apr-02	1:00 PM	4.50	10.0						
22-Apr-02	16.0	7	83.3	7	21-Apr-02	5:00 PM	4.00	10.5		C1/P2				
29-Apr-02	4.0	7	82.3	7	28-Apr-02	12:20 PM	4.00	13.0		C1/P2				
6-May-02	6.0	7	82.0	7	5-May-02	3:30 PM	3.50	12.5		C2		NP		
13-May-02	9.0	7	81.7	7	12-May-02	3:45 PM	3.75	15.5		C2		NP		
20-May-02	18.0	7	81.9	7	19-May-02	5:30 PM	3.50	17.0		C2		NP		
27-May-02	22.0	7	83.4	7	27-May-02	1:10 PM	3.00	18.5		C2		NP		
3-Jun-02	23.0	7	82.4	7	2-Jun-02	2:20 PM	3.25	20.0		C1/P1		NP		
10-Jun-02	0.0	7	81.3	7	9-Jun-02	2:30 PM	4.50	19.5		C1/P1	F1			
17-Jun-02	6.0	7	79.4	7	16-Jun-02	1:25 PM	3.75	21.5		C1/P1		NP		
24-Jun-02	24.0	7	77.4	7	23-Jun-02	2:00 PM	4.50	23.0	NA	C1/P1	F1/S1	NP	0	
1-Jul-02	17.0	7	76.9	7	30-Jun-02	4:30 PM	4.75	21.5	NA	C1/P2	F1/S1	NP	0	
8-Jul-02	5.0	7	75.0	7	7-Jul-02	4:00 PM	4.50	21.5	NA	P2	F1/S1	NP	0	
15-Jul-02	0.0	7	71.9	7	14-Jul-02	4:50 PM	5.25	23.0	C2	P2	F1/S1	NP	13	
22-Jul-02	0.0	7	69.0	7	23-Jul-02	7:00 PM	4.50	26.5	C2	P2	F1/S1	NP	9	
29-Jul-02	1.1	7	66.6	7	28-Jul-02	4:00 PM	4.00	23.0	NA	C1/P1	F1/S1	NP	0	
5-Aug-02	5.1	7	62.7	7	4-Aug-02	3:30 PM	3.75	21.5	NA	C1/P1	S1	NP	0	
12-Aug-02	0.0	7	60.4	7	11-Aug-02	7:00 PM	3.25	23.0	NA	C1/P1	F1	NP	0	
19-Aug-02	1.0	7	58.4	7	18-Aug-02	6:50 PM	3.75	24.0	NA	C1/P1	F1	NP	0	
26-Aug-02	0.0	7	54.9	7	25-Aug-02									
2-Sep-02	9.0	7	52.0	7	1-Sep-02	4:00 PM	3.50	22.0	C1/P1	C2/P2	F1	NP	0	
9-Sep-02	0.0	7	50.1	7	8-Sep-02	5:45 PM	3.50	19.5	C1/P1	C2/P2	F1	NP	0	
16-Sep-02	5.0	7	48.0	7	15-Sep-02	5:25 PM	3.75	20.5	C1/P1	C2/P2	F1	NP	0	
23-Sep-02	17.0	8	45.9	8	22-Sep-02	1:00 PM	3.75	18.5	C1/P1	C2/P2	F1	NP	0	
					29-Sep-02	5:25 PM	3.75	20.5	C1/P1	C2/P2	F1	NP	0	
Min	0.0		42.0			Min	3.00	4.5						
Max	116.0		90.6			Max	5.25	26.5						
Total	1308.3													

**Angle**

Daily Data Summary					Weekly Data Summary									
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.1	7	-64.1	7	30-Sep-01	3:10 PM	4.50	18.0						
8-Oct-01	15.6	7	-66.2	7	7-Oct-01	1:40 PM	5.50	16.5						
15-Oct-01	12.0	7	-67.9	7	14-Oct-01	3:30 PM	5.75	15.0						
22-Oct-01	50.1	7	-66.9	7	21-Oct-01	11:20 AM	5.25	13.0						
29-Oct-01	26.0	7	-63.7	7	29-Oct-01	11:20 AM	3.50	12.0						
5-Nov-01	8.0	7	-63.2	7	4-Nov-01	11:12 AM	4.50	11.5						
12-Nov-01	128.1	7	-49.1	7	11-Nov-01	1:55 PM	4.50	11.0						
19-Nov-01	69.0	7	-37.1	7	18-Nov-01	11:15 AM	4.00	10.5						
26-Nov-01	49.0	7	-30.4	7	26-Nov-01	11:36 AM	4.75	9.0						
3-Dec-01	24.1	7	-24.3	7	4-Dec-01	2:45 PM	4.50	8.0						
10-Dec-01	83.0	7	-17.1	7	9-Dec-01	1:20 PM	5.00	7.5						
17-Dec-01	17.1	7	-5.4	7	16-Dec-01	11:11 AM	4.00	7.0						
24-Dec-01	4.0	7	-6.2	7	24-Dec-01	11:21 AM	4.00	6.0						
31-Dec-01	31.0	7	-4.4	7	31-Dec-01	11:16 AM	4.25	6.0						
7-Jan-02	49.0	7	4.7	7	6-Jan-02	12:08 PM	4.00	6.0						
14-Jan-02	17.0	7	5.4	7	13-Jan-02	11:10 AM	3.75	6.5						
21-Jan-02	50.1	7	10.0	7	22-Jan-02	2:53 PM	3.30	5.5						
28-Jan-02	16.1	7	16.1	7	27-Jan-02	11:16 AM	4.25	5.0						
4-Feb-02	38.1	7	19.8	7	3-Feb-02	11:25 AM	3.50	5.5						
11-Feb-02	2.0	7	21.9	7	10-Feb-02	11:08 AM	3.75	5.0						
18-Feb-02	71.0	7	26.7	7	17-Feb-02	2:02 PM	4.00	5.5						
25-Feb-02	1.0	7	32.4	7	25-Feb-02	10:43 AM	4.75	5.5						
4-Mar-02	1.1	7	30.4	7	4-Mar-02	12:03 PM	4.75	7.0						
11-Mar-02	47.0	7	34.2	7	10-Mar-02	10:53 AM	4.00	6.0						
18-Mar-02	23.0	7	38.1	7	17-Mar-02	11:33 AM	4.25	6.0						
25-Mar-02	0.0	7	37.4	7	24-Mar-02	10:50 AM	4.50	7.0						
1-Apr-02	0.0	7	35.1	7										
8-Apr-02	68.0	7	38.1	7	7-Apr-02	11:19 AM	4.25	9.0						
15-Apr-02	4.0	7	45.0	7	14-Apr-02	11:25 AM	4.00	10.0						
22-Apr-02	17.0	7	43.5	7	21-Apr-02	1:40 PM	4.50	10.0						
29-Apr-02	1.0	7	41.7	7	29-Apr-02	4:10 PM	4.75	13.0						
6-May-02	2.0	7	38.2	7	5-May-02	11:32 AM	4.75	11.0						
13-May-02	5.1	7	35.3	7	13-May-02	11:10 AM	4.75	14.0						
20-May-02	5.0	7	32.5	7	20-May-02	4:20 PM	5.50	15.0						
27-May-02	6.0	7	29.8	7	29-May-02	11:15 AM	6.00	17.0						
3-Jun-02	5.1	7	26.3	7	2-Jun-02	11:15 AM	6.00	17.5						
10-Jun-02	0.0	7	22.1	7	9-Jun-02	2:30 PM	6.00	18.0						
17-Jun-02	8.0	7	18.2	7	16-Jun-02	3:55 PM	5.75	19.0						
24-Jun-02	23.0	7	14.5	7	24-Jun-02	1:30 PM	5.25	21.0						
1-Jul-02	1.0	7	11.1	7	30-Jun-02	2:50 PM	5.50	21.0	p2	p2	f1/s1	np	40	
8-Jul-02	18.0	7	8.7	7	7-Jul-02	12:03 PM	4.75	20.5	p1	p2	f2/s1	np	43	
15-Jul-02	0.0	7	3.3	7	14-Jul-02	5:20 PM	4.75	22.5	p2	p2	f2/s1	np	50	
22-Jul-02	0.3	7	-2.1	7	21-Jul-02	11:25 AM	5.25	23.0	p2	p2	f2/s1	np	32	
29-Jul-02	0.1	7	-7.3	7	28-Jul-02	6:20 PM	4.25	22.0	p2	p2	f2/s1	np	0	
5-Aug-02	0.0	7	-12.2	7	4-Aug-02	11:55 AM	5.50	21.0	p2	p1	f2/s1	np	3	
12-Aug-02	0.0	7	-17.1	7	11-Aug-02	3:10 PM	5.50	22.5	p1	c1, p1	f2	np	0	
19-Aug-02	0.0	7	-22.2	7	18-Aug-02	1:25 PM	5.75	22.0	p2	p2	f2	np	33	
26-Aug-02	0.0	7	-26.6	7	25-Aug-02	2:00 PM	6.25	21.5	p1	p1	f2	np	3	
2-Sep-02	2.0	7	-30.8	7	2-Sep-02	1:05 PM	5.25	20.5	c1	c1, p1	f2	np	2	
9-Sep-02	0.0	7	-34.8	7	8-Sep-02	11:32 AM	7.00	19.5	p1	p1	f2	np	2	
16-Sep-02	7.1	7	-38.3	7	15-Sep-02	4:10 PM	5.75	20.0	c1	c1	f2	np	1	
23-Sep-03	4.1	8	-42.5	8	22-Sep-02	5:05 PM	5.00	19.0	c1	c1, p1	f2	np	2	
					29-Sep-02	4:30 PM	4.50	17.5	NA	NA	f1	np	2	
Min	0.0		-67.9			Min	3.30	5.0						
Max	128.1		45.0			Max	7.00	23.0						
Total	1008.6													

## Appendix A - Level I Data

### Beaver 2

Daily Data Summary				Weekly Data Summary														
	Sum		Avg lk															
Week of	precip. (mm)	# of days	level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count					
1-Oct-01	1.0	7	11.0	7	30-Sep-01	8:00 AM	2.75	17.0										
8-Oct-01	60.0	7	11.3	7	7-Oct-01	7:30 AM	2.50	15.0										
15-Oct-01	41.0	7	14.7	7	14-Oct-01	8:30 AM	2.50	13.0										
22-Oct-01	72.0	7	19.1	7	21-Oct-01	8:30 AM	2.75	12.0										
29-Oct-01	28.0	7	27.9	7	28-Oct-01	8:00 AM	2.50	11.0										
5-Nov-01	13.1	7	33.1	7	4-Nov-01	8:30 AM	2.50	10.5										
12-Nov-01	134.0	7	59.9	7	11-Nov-01	8:30 AM	2.75	9.0										
19-Nov-01	83.0	7	80.9	7	18-Nov-01	8:40 AM	2.00	8.0										
26-Nov-01	68.1	7	79.3	7	25-Nov-01	9:15 AM	2.00	8.0										
3-Dec-01	39.0	7	80.0	7	2-Dec-01	7:45 AM	2.0	7.0										
10-Dec-01	93.0	7	78.6	7	9-Dec-01	8:30 AM	2.3	6.0										
17-Dec-01	34.0	7	87.3	7	16-Dec-01	9:00 AM	2.0	5.0										
24-Dec-01	2.0	7	69.6	7	23-Dec-01	8:00 AM	2.0	5.0										
31-Dec-01	25.1	7	63.3	7	30-Dec-01	8:15 AM	2.0	4.5										
7-Jan-02	81.0	7	73.4	7	6-Jan-02	8:30 AM	2.5	5.0										
14-Jan-02	34.0	7	73.3	7	13-Jan-02	9:00 AM	2.5	5.0										
21-Jan-02	35.0	7	73.3	7	20-Jan-02	9:15 AM	2.5	5.0										
28-Jan-02	39.0	7	73.0	7	27-Jan-02	9:00 AM	2.5	4.5										
4-Feb-02	51.0	7	73.1	7	3-Feb-02	8:20 AM	2.0	4.5										
11-Feb-02	11.0	7	71.1	7	10-Feb-02	8:25 AM	2.3	4.5										
18-Feb-02	78.0	7	71.4	7	17-Feb-02	8:30 AM	2.5	5.0										
25-Feb-02	6.0	7	73.3	7	24-Feb-02	8:45 AM	2.3	5.0										
4-Mar-02	20.1	7	62.6	7	3-Mar-02	8:45 AM	2.25	5.0										
11-Mar-02	59.0	7	70.7	7	10-Mar-02	7:40 AM	2.25	5.0										
18-Mar-02	34.0	7	70.4	7	17-Mar-02	8:00 AM	2.50	5.5										
25-Mar-02	22.0	7	65.6	7	24-Mar-02	7:15 AM	2.50	6.0										
1-Apr-02	5.1	7	60.4	7	31-Mar-02	7:15 AM	2.3	7.0										
8-Apr-02	74.0	7	60.6	7	7-Apr-02	7:00 AM	2.00	10.0										
15-Apr-02	9.1	7	70.7	7	14-Apr-02	8:00 AM	2.00	11.0										
22-Apr-02	27.0	7	63.4	7	21-Apr-02	8:05 AM	1.75	10.0										
29-Apr-02	4.1	7	59.6	7	28-Apr-02	8:10 AM	1.75	11.0										
6-May-02	9.1	7	55.4	7	5-May-02	8:40 AM	2.00	11.0										
13-May-02	9.0	7	51.9	7	12-May-02	8:30 AM	1.75	13.0										
20-May-02	13.1	7	50.4	7	19-May-02	9:00 AM	2.00	16.0										
27-May-02	26.0	7	50.1	7	26-May-02	7:40 AM	2.00	17.5										
3-Jun-02	25.0	7	48.6	7	2-Jun-02	7:30 AM	2.3	18.0										
10-Jun-02	0.0	7	46.4	7	9-Jun-02	7:15 AM	2.3	18.5										
17-Jun-02	9.0	7	43.1	7	16-Jun-02	7:00 AM	2.3	21.0										
24-Jun-02	27.0	7	40.0	7	23-Jun-02	7:15 AM	2.3	22.0										
1-Jul-02	8.1	7	38.2	7	30-Jun-02	7:30 AM	2.25	21.0						NA	NA	F2	NP	7
8-Jul-02	17.1	7	35.9	7	7-Jul-02	7:20 AM	2.25	21.0								F2	NP	8
15-Jul-02	0.1	7	31.9	7	14-Jul-02	7:10 AM	2.50	23.0								F2	NP	12
22-Jul-02	0.0	7	27.4	7	21-Jul-02	7:00 AM	2.50	23.0								F2	NP	15
29-Jul-02	5.0	7	23.3	7	28-Jul-02	7:15 AM	2.50	22.0						NA	F2	NP	7	
5-Aug-02	4.0	7	19.9	7	4-Aug-02	7:45 AM	2.50	21.0	NA	NA	F2		10					
12-Aug-02	0.0	7	16.4	7	11-Aug-02	7:20 AM	2.50	21.0			F2	S1	8					
19-Aug-02	4.0	7	12.5	7	18-Aug-02	7:30 AM	2.50	22.0			F2	S1	12					
26-Aug-02	0.0	7	9.0	7	25-Aug-02	7:30 AM	2.50	21.0			F2	S1	10					
2-Sep-02	10.1	7	6.6	7	1-Sep-02	7:10 AM	2.50	21.0	NA	NA	F2	S1	6					
9-Sep-02	1.0	7	3.9	7	8-Sep-02	7:35 AM	2.25	19.0			F2	S1	0					
16-Sep-02	23.0	7	1.9	7	15-Sep-02	7:30 AM	2.50	20.0			F2	S1	4					
23-Sep-02	13.0	8	-1.1	8	22-Sep-02	7:30 AM	2.00	18.0			F2	S1	8					
					29-Sep-02	8:30 AM	2.00	17.5			F2	S1	6					
Min	0.0		-1.1		Min		1.8	4.5										
Max	134.0		87.3		Max		2.5	23.0										
Total	1485.7																	



**Boren**

Daily Data Summary					Weekly Data Summary									
	Sum precip.	# of	Avg lk level	# of										
Week of	(mm)	days	(cm)	days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.0	7	36.0	7										
8-Oct-01	25.0	7	40.1	7										
15-Oct-01	10.0	7	43.7	7										
22-Oct-01	48.0	7	53.7	7										
29-Oct-01	34.0	7	61.4	7										
5-Nov-01	4.0	7	54.0	7										
12-Nov-01	148.0	7	68.1	7										
19-Nov-01	84.0	7	61.1	7										
26-Nov-01	87.0	7	59.3	7										
3-Dec-01	30.0	7	54.4	7										
10-Dec-01	117.0	7	66.1	7										
17-Dec-01	19.0	7	58.4	7										
24-Dec-01	0.0	7	41.4	7										
31-Dec-01	34.0	7	43.0	7										
7-Jan-02	68.0	7	59.6	7										
14-Jan-02	21.0	7	47.1	7										
21-Jan-02	30.0	7	52.4	7										
28-Jan-02	15.0	7	52.7	7										
4-Feb-02	44.0	7	54.3	7										
11-Feb-02	4.0	5	45.9	6										
18-Feb-02	73.0	4	57.4	3										
25-Feb-02	0.0	7	51.6	7										
4-Mar-02	11.0	7	58.9	7										
11-Mar-02	47.0	7	63.0	7										
18-Mar-02	24.0	7	60.1	7										
25-Mar-02	3.0	7	54.7	7										
1-Apr-02	0.0	7	54.7	7										
8-Apr-02	76.0	7	55.7	7										
15-Apr-02	14.0	7	54.6	7										
22-Apr-02	11.0	7	46.0	7										
29-Apr-02	0.0	7	42.6	7										
6-May-02	0.0	7	39.3	7										
13-May-02	14.0	7	39.3	7										
20-May-02	11.0	7	39.4	7										
27-May-02	15.0	7	40.4	7										
3-Jun-02	17.0	7	40.0	7										
10-Jun-02	0.0	7	38.4	7										
17-Jun-02	10.0	7	37.7	7										
24-Jun-02	20.0	7	38.1	7										
1-Jul-02	10.0	7	40.9	7										
8-Jul-02	0.0	7	38.3	7										
15-Jul-02	0.0	7	35.7	7										
22-Jul-02	0.0	7	35.0	7										
29-Jul-02	0.0	7	35.0	7										
5-Aug-02	0.0	7	35.0	7										
12-Aug-02	0.0	7	34.0	7										
19-Aug-02	0.0	7	34.0	7										
26-Aug-02	0.0	7	33.4	7										
2-Sep-02	5.0	7	33.9	7										
9-Sep-02	0.0	7	34.0	7										
16-Sep-02	4.0	7	35.0	7										
23-Sep-02	8.0	8	35.3	8										
Min	0.0		33.4			Min	0.00	0.0						
Max	148.0		68.1			Max	0.00	0.0						
Total	1195.0													

## Appendix A - Level I Data

### Cottage

Daily Data Summary					Weekly Data Summary													
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count					
1-Oct-01	0.0	7	40.6	7	1-Oct-01	1:00 PM	1.25	16.0										
8-Oct-01	38.0	7	48.3	7	8-Oct-01	3:00 PM	1.50	15.0										
15-Oct-01	40.0	7	56.3	7	15-Oct-01	1:00 PM	1.75	13.0										
22-Oct-01	36.0	7	59.6	7	23-Oct-01	2:00 PM	1.75	11.5										
29-Oct-01	19.0	7	51.3	7	29-Oct-01	2:00 PM	2.00	10.0										
5-Nov-01	11.0	7	56.4	7	6-Nov-01	2:00 PM	1.75	10.0										
12-Nov-01	103.0	7	71.1	7	12-Nov-01	2:30 PM	1.75	9.0										
19-Nov-01	76.0	7	75.4	7	19-Nov-01	1:00 PM	1.75	8.0										
26-Nov-01	82.0	7	76.0	7	26-Nov-01	1:00 PM	1.50	8.0										
3-Dec-01	29.0	7	71.1	7	3-Dec-01	1:00 PM	1.5	6.0										
10-Dec-01	87.0	7	71.7	7	11-Dec-01	1:00 PM	1.3	5.0										
17-Dec-01	21.0	7	73.3	7	17-Dec-01	2:00 PM	1.0	5.0										
24-Dec-01	4.0	7	50.9	7	24-Dec-01	3:00 PM	1.3	4.0										
31-Dec-01	34.0	7	53.9	7	31-Dec-01	4:00 PM	1.3	4.0										
7-Jan-02	46.0	7	62.3	7	7-Jan-02	1:30 PM	1.3	5.0										
14-Jan-02	24.0	7	50.9	7	14-Jan-02	1:00 PM	1.3	5.0										
21-Jan-02	37.0	7	51.4	7	21-Jan-02	1:00 PM	1.3	4.0										
28-Jan-02	37.0	7	56.7	7	28-Jan-02	1:00 PM	1.3	3.0										
4-Feb-02	58.0	7	57.9	7	4-Feb-02	1:00 PM	1.5	4.0										
11-Feb-02	3.0	7	53.7	7	11-Feb-02	1:00 PM	1.3	5.0										
18-Feb-02	67.0	7	55.9	7	18-Feb-02	1:00 PM	1.3	5.0										
25-Feb-02	8.0	7	53.0	7	25-Feb-02	1:00 PM	1.3	5.0										
4-Mar-02	23.0	7	44.1	7	3-Mar-02	3:00 PM	1.50	7.0										
11-Mar-02	<b>44.0</b>	5	50.8	5	12-Mar-02	1:00 PM	1.25	6.0										
18-Mar-02	<b>17.0</b>	0																
25-Mar-02	32.0	5	50.0	5	26-Mar-02	1:00 PM	1.25	7.0										
1-Apr-02	8.0	7	47.9	7	1-Apr-02	1:00 PM	1.3	7.0										
8-Apr-02	50.0	7	49.7	7	8-Apr-02	2:00 PM	1.50	11.0										
15-Apr-02	17.0	7	56.3	7	15-Apr-02	2:00 PM	1.50	10.0										
22-Apr-02	15.0	7	49.9	7	22-Apr-02	2:00 PM	1.75	10.0										
29-Apr-02	6.0	7	42.3	7	29-Apr-02	1:00 PM	1.50	12.0										
6-May-02	10.0	7	44.3	7	6-May-02	2:00 PM	2.00	11.0										
13-May-02	20.0	7	47.0	7	13-May-02	1:00 PM	1.75	15.0										
20-May-02	13.0	7	40.1	7	20-May-02	1:00 PM	2.00	15.0										
27-May-02	14.0	7	46.6	7	28-May-02	2:30 PM	2.00	18.0										
3-Jun-02	14.0	7	51.9	7	3-Jun-02	12:00 PM	2.5	19.0										
10-Jun-02	0.0	7	53.4	7	10-Jun-02	1:00 PM	2.5	18.0										
17-Jun-02	16.0	7	54.6	7	17-Jun-02	12:00 PM	2.3	19.5										
24-Jun-02	0.0	3	43.0	3	24-Jun-02	1:00 PM	2.5	22.0										
1-Jul-02																		
8-Jul-02	21.0	7	54.9	7	8-Jul-02	2:00 PM	2.00	20.0	C1	C1	F1	NP	0					
15-Jul-02	0.0	7	56.0	7	15-Jul-02	1:00 PM	2.50	23.0	C1	C1	F1	NP	20					
22-Jul-02	0.0	7	55.1	7	22-Jul-02	1:00 PM	2.50	24.0	C1	C1	F1	NP	25					
29-Jul-02	2.0	7	57.1	7	29-Jul-02	3:00 PM	3.00	22.0	C1	C1	F1	NP	0					
5-Aug-02	0.0	7	59.3	7	5-Aug-02	2:00 PM	2.00	20.5	C1	C1	F1	NP	0					
12-Aug-02	0.0	7	45.6	7	12-Aug-02	1:30 PM	2.50	21.5	P1	C1	F2	NP	0					
19-Aug-02	15.0	4	47.0	4	19-Aug-02	1:00 PM	2.50	22.0	P2	C1	F2	NP	0					
26-Aug-02																		
2-Sep-02	0.0	2	55.0	2														
9-Sep-02	0.0	7	55.4	7	9-Sep-02	1:30 PM	3.00	19.0	P1	C1	F2	NP	0					
16-Sep-02	2.0	7	58.1	7	16-Sep-02	1:00 PM	2.50	19.0	P1	C2	F2	NP	0					
23-Sep-02	12.0	8	59.1	8	23-Sep-02	1:00 PM	1.25	17.0	P3	C2	F2-S2	NP	0					
					30-Sep-02	1:00 PM	1.25	16.0	P2	C2	F2	NP	0					
Min	0.0		40.1		Min		1.0	3.0										
Max	103.0		76.0		Max		3.0	24.0										
Total	1211.0																	
Numbers in bold are the distribution of cummulative data, interpolated from other lakes in the region.																		

Numbers in bold are the distribution of cumulative data, interpolated from other lakes in the region.



## Desire

Daily Data Summary					Weekly Data Summary									
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	1.0	7	4.9	7										
8-Oct-01	39.1	7	7.7	7	6-Oct-01	10:00 AM	2.00	15.5						
15-Oct-01	12.1	7	9.9	7	13-Oct-01	10:30 AM	2.00	13.0						
22-Oct-01	51.0	7	14.3	7	20-Oct-01	9:15 AM	2.00	12.0						
29-Oct-01	21.0	7	23.6	7	27-Oct-01	10:30 AM	2.00	11.0						
5-Nov-01	11.0	7	29.3	7	3-Nov-01	11:30 AM	2.00	10.5						
12-Nov-01	137.0	7	45.4	7	10-Nov-01	9:30 AM	1.75	9.5						
19-Nov-01	71.1	7	42.9	7	17-Nov-01	12:00 PM	1.50	9.5						
26-Nov-01	64.0	7	37.7	7	24-Nov-01	12:00 PM	1.50	8.0						
3-Dec-01	40.1	7	40.1	7	1-Dec-01	9:00 AM	1.5	6.5						
10-Dec-01	89.1	7	42.9	7	2-Dec-01	12:00 PM	1.5	6.8						
17-Dec-01	23.1	7	48.6	7	15-Dec-01	10:30 AM	1.8	5.0						
24-Dec-01	5.0	7	27.3	7	22-Dec-01	10:00 AM	1.3	4.0						
31-Dec-01	28.0	7	19.7	7	29-Dec-01	9:00 AM	1.8	4.0						
7-Jan-02	73.1	7	31.4	7	5-Jan-02	12:00 PM	1.8	4.5						
14-Jan-02	25.1	7	24.7	7	12-Jan-02	11:30 AM	1.8	6.0						
21-Jan-02	65.0	7	29.7	7	19-Jan-02	11:30 AM	1.8	5.0						
28-Jan-02	34.0	7	35.6	7	26-Jan-02	9:00 AM	1.5	4.0						
4-Feb-02	39.1	7	31.4	7	2-Feb-02	9:30 AM	1.5	3.0						
11-Feb-02	3.1	6	26.2	6	9-Feb-02	9:30 AM	1.8	4.0						
18-Feb-02	82.0	6	27.8	6	16-Feb-02	10:30 AM	1.8	4.5						
25-Feb-02	0.1	6	33.5	6	23-Feb-02	9:45 AM	1.5	9.0						
4-Mar-02	9.1	7	21.6	7	1-Mar-02	8:15 AM	1.75	5.5						
11-Mar-02	58.0	7	28.9	7	9-Mar-02	9:30 AM	1.50	5.5						
18-Mar-02	40.0	7	33.7	7	15-Mar-02	7:45 AM	2.00	5.5						
25-Mar-02	2.0	7	27.0	7	23-Mar-02	8:15 AM	2.00	5.5						
1-Apr-02	6.1	7	23.0	7	30-Mar-02	9:15 AM	2.0	7.0						
8-Apr-02	81.0	7	32.1	7	6-Apr-02	7:30 AM	2.00	10.0						
15-Apr-02	13.0	7	38.4	7	13-Apr-02	8:45 AM	1.75	11.0						
22-Apr-02	16.0	7	34.3	7	20-Apr-02	11:00 AM	1.75	10.5						
29-Apr-02	4.1	6	41.0	6	27-Apr-02	8:30 AM	2.00	11.0						
6-May-02	2.0	7	44.1	7	3-May-02	6:30 AM	1.75	12.0						
13-May-02	11.0	7	37.1	7	11-May-02	7:30 AM	1.50	12.5						
20-May-02	8.0	2	38.0	2	16-May-02	7:30 AM	1.25	16.0						
27-May-02														
3-Jun-02	37.0	7	15.7	7	8-Jun-02	7:30 AM	2.0	16.0						
10-Jun-02	0.0	7	16.0	7	15-Jun-02	8:45 AM	2.3	20.0						
17-Jun-02	11.0	7	16.0	7	22-Jun-02	8:30 AM	2.0	21.0						
24-Jun-02	32.0	7	15.9	7	29-Jun-02	8:45 AM	2.5	20.0						
1-Jul-02	5.0	7	17.1	7										
8-Jul-02	11.0	7	17.3	7	6-Jul-02	8:30 AM	2.25	19.0	NA	C1	F1	NP	0	
15-Jul-02	0.0	7	15.4	7	12-Jul-02	8:45 AM	2.25	23.0	NA	NA	F1	NP	0	
22-Jul-02	2.0	7	13.3	7	20-Jul-02	9:30 AM	2.00	22.0	NA	NA	F1	NP	0	
29-Jul-02	8.0	7	12.0	7	27-Jul-02	7:30 AM	2.25	22.0	NA	NA	F1	NP	0	
5-Aug-02	4.0	7	11.0	7	3-Aug-02	7:30 AM	2.25	21.0	NA	NA	F1	NP	0	
12-Aug-02	0.0	7	9.3	7	9-Aug-02	8:00 AM	2.00	21.0	C1	C1	F1	F1	0	
19-Aug-02	4.0	2	8.0	2	17-Aug-02	9:30 AM	2.00	22.5	C1	C1	F1	F1	20	
26-Aug-02	0.0	5	5.8	5	31-Aug-02	9:00 AM	2.00	21.5	C1	C1	F1	NP	0	
2-Sep-02	10.0	7	5.0	7					NA	NA	F1	NP	0	
9-Sep-02	1.0	7	4.1	7	7-Sep-02	9:15 AM	2.00	19.0	NA	NA	F1	NP	0	
16-Sep-02	11.0	7	3.7	7	14-Sep-02	9:30 AM	2.00	20.0	NA	NA	F1	NP	0	
23-Sep-02	7.0	8	3.0	8	21-Sep-02	7:30 AM	2.00	18.0	NA	C1	F1	NP	0	
					28-Sep-02	8:00 AM	2.00	17.5	NA	NA	F1	NP	0	
Min	0.0		3.0		Min		1.3	3.0						
Max	137.0		48.6		Max		2.5	23.0						
Total	1306.8													

## Appendix A - Level I Data

### Easter

Daily Data Summary					Weekly Data Summary								
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count
1-Oct-01	0.0	7	7.8	7									
8-Oct-01	28.1	6	8.1	6									
15-Oct-01	4.0	7	12.2	7									
22-Oct-01	55.1	7	18.7	7									
29-Oct-01	30.0	7	30.6	7									
5-Nov-01	19.0	5	32.2	5									
12-Nov-01	142.0	6	49.2	6									
19-Nov-01	60.1	7	47.9	7									
26-Nov-01	74.0	7	50.8	7									
3-Dec-01	52.0	7	52.5	7									
10-Dec-01	84.0	7	48.2	7									
17-Dec-01	28.1	6	45.5	6									
24-Dec-01	8.0	7	36.1	7									
31-Dec-01	30.1	7	37.7	7									
7-Jan-02	56.1	7	41.6	7									
14-Jan-02	<b>17.0</b>	6	33.6	7									
21-Jan-02	66.1	7	40.9	7									
28-Jan-02	16.0	7	37.4	7									
4-Feb-02	16.1	7	37.2	7									
11-Feb-02	4.0	7	34.2	7									
18-Feb-02	50.0	7	38.5	7									
25-Feb-02	0.0	7	35.4	7									
4-Mar-02	6.1	6	31.3	6									
11-Mar-02	72.0	6	38.9	6									
18-Mar-02	38.0	6	39.8	6									
25-Mar-02	2.1	6	32.7	6									
1-Apr-02	0.0	7	29.9	7									
8-Apr-02	92.0	7	36.4	7									
15-Apr-02	20.0	7	37.0	7									
22-Apr-02	14.0	7	30.0	7									
29-Apr-02	2.1	6	29.1	6									
6-May-02	12.1	7	27.3	7									
13-May-02	12.0	7	24.7	7									
20-May-02	8.0	7	26.3	7									
27-May-02	6.0	6	24.4	7									
3-Jun-02	4.1	7	22.5	7									
10-Jun-02	0.0	7	19.9	7									
17-Jun-02	14.0	7	17.6	7									
24-Jun-02	22.0	7	16.0	7									
1-Jul-02	0.1	6	17.4	6									
8-Jul-02	20.0	7	19.5	7									
15-Jul-02	0.0	7	15.2	7									
22-Jul-02	0.1	7	11.0	7									
29-Jul-02	2.0	5	6.9	6									
5-Aug-02	0.0	7	3.4	6									
12-Aug-02	0.0	7	0.0										
19-Aug-02	0.0	7											
26-Aug-02	0.0	7											
2-Sep-02	4.0	7											
9-Sep-02	4.0	7											
16-Sep-02	0.0	7											
23-Sep-02	0.0	8											
<b>Min</b>	0.0		0.0			<b>Min</b>	0.00	0.0					
<b>Max</b>	142.0		52.5			<b>Max</b>	0.00	0.0					
<b>Total</b>	1194.1												

Numbers in bold are the distribution of cumulative data, interpolated from other lakes in the region.

**Francis**

Daily Data Summary					Weekly Data Summary									
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.0	7	28.0	1										
8-Oct-01	48.1	7			7-Oct-01	2:00 PM	1.75	13.0						
15-Oct-01	24.0	5	34.0	1										
22-Oct-01	47.0	7			21-Oct-01	5:00 PM	2.00	11.0						
29-Oct-01	32.0	7	42.0	1										
5-Nov-01	7.1	7	42.0	1										
12-Nov-01	141.0	7	77.0	1										
19-Nov-01	66.0	6	77.3	1										
26-Nov-01	51.1	7												
3-Dec-01	48.0	6												
10-Dec-01	89.0	7	92.5	1										
17-Dec-01	26.0	7												
24-Dec-01	3.0	7	65.0	1										
31-Dec-01	16.0	7		1										
7-Jan-02	53.1	7	69.0	1										
14-Jan-02	34.1	7												
21-Jan-02	62.0	7	80.0	1										
28-Jan-02	29.2	7												
4-Feb-02	30.0	7												
11-Feb-02	7.0	7												
18-Feb-02	73.0	6												
25-Feb-02	0.0	7												
4-Mar-02	7.1	7												
11-Mar-02	64.0	7	60.0	1										
18-Mar-02	45.1	7	74.0	1										
25-Mar-02	0.1	7												
1-Apr-02	4.0	7												
8-Apr-02	102.0	7	63.5	1										
15-Apr-02	14.0	7	70.0	1										
22-Apr-02	6.1	7	60.0	1	21-Apr-02	5:50 PM	3.00	11.0						
29-Apr-02	3.1	7	52.0	1										
6-May-02	2.0	7	50.0	1	5-May-02	6:00 PM	2.50	12.0						
13-May-02	10.1	7												
20-May-02	14.0	7			19-May-02	7:00 PM	2.50	17.5						
27-May-02	18.0	5	48.0	1										
3-Jun-02					2-Jun-02	5:00 PM	2.5	21.5						
10-Jun-02														
17-Jun-02					16-Jun-02	7:22 PM	2.3	20.0						
24-Jun-02														
1-Jul-02	8.1	7			30-Jun-02	7:22 PM	2.25	20.0	P1	P2	F2	NP	0	
8-Jul-02	6.0	7												
15-Jul-02	0.1	7	35.0	1	14-Jul-02	6:15 PM	2.25	21.5	P1	P2	F2	S2	0	
22-Jul-02	2.1	7	32.0	1										
29-Jul-02	3.1	7			28-Jul-02	6:30 PM	1.50	21.0	P1	P1	F2	S2	0	
5-Aug-02	1.0	7												
12-Aug-02	0.0	7			11-Aug-02	7:00 PM	1.50	21.0	P1	P2	F2	S2	0	
19-Aug-02	4.1	7												
26-Aug-02	0.0	7			25-Aug-02	7:30 PM	1.50	20.0	P1	P2	F2	S2	0	
2-Sep-02	11.1	7	20.0	1										
9-Sep-02	0.0	7			8-Sep-02	10:00 AM	1.50	20.0	P1	P2	F2	S2	0	
16-Sep-02	8.1	7	18.0	1										
23-Sep-02	9.0	8			22-Sep-02	6:15 PM	1.50	17.0	P1	P2	F2	S2	0	
Min	0.0		18.0			Min	1.50	11.0						
Max	141.0		92.5			Max	3.0	21.5						
Total	1228.3													

## Appendix A - Level I Data

### Geneva

Daily Data Summary					Weekly Data Summary									
	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days										
Week of					Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.1	7	41.9	7	3-Oct-01	1:30 PM	5.00	17.0						
8-Oct-01	18.2	7	41.3	7	8-Oct-01	12:30 PM	4.50	15.0						
15-Oct-01	6.1	7	41.3	7										
22-Oct-01	39.0	7	43.7	7	25-Oct-01	2:00 PM	4.50	13.0						
29-Oct-01	23.0	7	47.9	7	1-Nov-01	12:00 PM	5.00	10.0						
5-Nov-01	12.0	7	50.0	7	7-Nov-01	12:00 PM	5.00	10.0						
12-Nov-01	130.0	7	69.0	7	15-Nov-01	3:00 PM	4.00	10.0						
19-Nov-01	39.2	7	81.3	7	21-Nov-01	10:30 AM	4.00	9.0						
26-Nov-01	62.0	7	88.1	7	26-Nov-01	10:00 AM	3.50	8.0						
3-Dec-01	28.1	7	89.7	7	2-Dec-01	2:00 PM	2.50	8.0						
10-Dec-01	85.1	7	91.3	7	9-Dec-01	1:30 PM	4.00	7.0						
17-Dec-01	19.1	7	96.1	7	17-Dec-01	11:00 AM	4.50	6.0						
24-Dec-01	8.0	7	85.1	7	23-Dec-01	1:00 PM	4.50	6.0						
31-Dec-01	28.1	7	83.3	7	2-Jan-02	2:00 PM	4.00	5.0						
7-Jan-02	43.2	7	87.7	7	9-Jan-02	12:00 AM	4.00	7.0						
14-Jan-02	18.0	7	82.4	7	16-Jan-02	11:30 AM	4.00	5.0						
21-Jan-02	49.1	7	84.1	7	21-Jan-02	4:00 PM	4.00	5.0						
28-Jan-02	25.0	7	86.7	7	28-Jan-02	11:30 AM	4.50	5.0						
4-Feb-02	33.1	7	84.0	7	4-Feb-02	11:30 AM	4.50	5.0						
11-Feb-02	1.1	7	80.7	7	11-Feb-02	1:00 PM	4.00	5.0						
18-Feb-02	60.1	7	80.7	7	20-Feb-02	10:30 AM	3.50	6.0						
25-Feb-02	0.0	7	81.4	7	26-Feb-02	11:00 AM	3.50	6.0						
4-Mar-02	3.1	7	74.1	7	6-Mar-02	2:00 PM	3.00	6.0						
11-Mar-02	46.1	7	76.1	7	15-Mar-02	3:00 PM	2.50	6.0						
18-Mar-02	41.1	7	81.7	7	21-Mar-02	12:00 PM	2.00	6.0						
25-Mar-02	1.1	7	77.9	7	28-Mar-02	11:00 AM	3.00	7.0						
1-Apr-02	0.1	7	72.0	7	2-Apr-02	10:30 AM	3.00	8.0						
8-Apr-02	83.0	7	73.7	7	10-Apr-02	11:00 AM	3.50	11.0						
15-Apr-02	10.1	7	81.6	7	17-Apr-02	2:00 PM	3.50	11.0						
22-Apr-02	13.1	7	76.3	7	23-Apr-02	12:00 PM	4.50	10.0						
29-Apr-02	0.2	7	74.0	7	30-Apr-02	1:00 PM	4.50	15.0						
6-May-02	2.1	7	72.7	7	5-May-02	3:00 PM	4.75	12.0						
13-May-02	12.0	7	71.6	7	12-May-02	6:15 PM	5.50	16.0						
20-May-02	6.2	7	70.1	7	19-May-02	5:00 PM	6.50	16.0						
27-May-02	6.1	7	67.9	7	29-May-02	2:30 PM	5.00	18.0						
3-Jun-02	6.1	7	65.3	7	5-Jun-02	11:00 AM	5.00	19.5						
10-Jun-02	0.0	7	62.7	7	11-Jun-02	1:00 PM	5.00	21.0						
17-Jun-02	4.1	7	59.9	7	18-Jun-02	1:30 PM	4.50	19.0						
24-Jun-02	10.1	7	58.4	7	27-Jun-02	2:00 PM	4.00	22.0						
1-Jul-02	0.2	7	57.7	7	3-Jul-02	4:00 PM	3.00	20.0						
8-Jul-02	21.0	7	58.6	7	9-Jul-02	7:12 AM	3.00	22.0						
15-Jul-02	0.0	7	56.1	7	18-Jul-02	3:00 PM	3.50	24.0						
22-Jul-02	0.0	7	52.7	7	23-Jul-02	2:00 PM	3.50	23.0						
29-Jul-02	2.1	7	50.3	7	29-Jul-02	1:30 PM	3.50	2.0						
5-Aug-02	0.1	7	48.0	7	5-Aug-02	2:00 PM	3.50	21.0						
12-Aug-02	0.0	7	45.6	7	12-Aug-02	1:30 PM	4.00	22.0						
19-Aug-02	0.0	7	42.7	7	19-Aug-02	2:00 PM	3.50	22.0						
26-Aug-02	0.1	7	40.6	7	27-Aug-02	1:30 PM	3.00	22.0						
2-Sep-02	3.0	7	38.3	7	4-Sep-02	2:00 PM	2.50	20.0						
9-Sep-02	2.0	7	36.6	7	10-Sep-02	2:30 PM	3.00	20.0						
16-Sep-02	7.1	6	35.1	7	17-Sep-02	2:00 PM	3.50	20.0						
23-Sep-02	6.0	8	33.0	8	24-Sep-02	2:00 PM	3.00	18.0						
Min	0.0		33.0			Min	2.00	2.0						
Max	130.0		96.1			Max	6.50	24.0						
Total	1012.7													

**Grass**

Daily Data Summary					Weekly Data Summary								
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count
1-Oct-01													
8-Oct-01													
15-Oct-01													
22-Oct-01													
29-Oct-01													
5-Nov-01													
12-Nov-01													
19-Nov-01													
26-Nov-01													
3-Dec-01													
10-Dec-01													
17-Dec-01													
24-Dec-01													
31-Dec-01													
7-Jan-02													
14-Jan-02													
21-Jan-02													
28-Jan-02													
4-Feb-02													
11-Feb-02													
18-Feb-02													
25-Feb-02													
4-Mar-02													
11-Mar-02													
18-Mar-02													
25-Mar-02													
1-Apr-02													
8-Apr-02													
15-Apr-02													
22-Apr-02													
29-Apr-02													
6-May-02	0.0	2	51.7	3									
13-May-02	9.1	7	50.1	7	10-May-02	3:00 PM	1.60	13.0					
20-May-02	15.1	7	40.6	7	18-May-02	3:30 PM	1.55	15.0					
27-May-02	5.7	7	47.8	7	25-May-02	3:00 PM	1.30	15.0					
3-Jun-02	23.9	7	46.6	7	31-May-02	3:25 PM	0.9	17.0					
10-Jun-02	0.0	7	43.7	7	9-Jun-02	3:30 PM	1.0	17.0					
17-Jun-02	9.0	7	41.5	7	16-Jun-02	5:45 PM	0.8	18.0					
24-Jun-02	29.0	7	39.6	7	23-Jun-02	3:45 PM	0.8	18.0					
1-Jul-02	2.5	7	39.7	7	30-Jun-02	11:45 AM	0.75	17.5					
8-Jul-02	10.0	7	38.5	7									
15-Jul-02	0.0	4	33.1	4									
22-Jul-02	2.0	7	29.2	7	21-Jul-02	4:30 PM	0.60	18.0	C2-P2	C2-P2	F3-S3	F2-S2	0
29-Jul-02	1.1	7	27.0	7	28-Jul-02	4:15 PM	0.50	18.0	C3-P3	C2-P2	F3-S3	F3-S3	0
5-Aug-02	1.0	7	24.0	7	4-Aug-02	5:15 PM	0.40	17.0	C2-P2	C2-P2	F3-S3	F3-S3	0
12-Aug-02	0.0	7	20.8	7	11-Aug-02	5:45 PM	0.33	18.0	C3-P3	C3-P3	F3-S3	F3-S3	0
19-Aug-02	3.6	7	18.4	7	18-Aug-02	4:00 PM	0.30	17.5	C3-P3	C3-P3	F3-S3	F2-S2	0
26-Aug-02	0.0	7	16.1	7	25-Aug-02	4:00 PM	0.25	17.0	C3-P3	C3-P3	F3-S3	F2-S2	0
2-Sep-02	6.0	7	14.7	7	2-Sep-02	12:40 PM	0.25	17.0	C3-P3	C3-P3	F3-S3	F3-S3	8
9-Sep-02	2.0	7	12.7	7	8-Sep-02	5:15 PM	0.35	15.0	C3-P3	C3-P3	F3-S3	F3-S3	7
16-Sep-02	7.0	7	11.3	7	15-Sep-02	5:15 PM	0.30	16.0	C3-P3	C3-P3	F3-S3	F3-S3	0
23-Sep-02	9.0	8	9.1	8	22-Sep-02	5:25 PM	0.30	14.5	C3-P3	C3-P3	F3-S3	F3-S3	15
					29-Sep-02	6:15 PM	0.50	13.5	C3-P3	C3-P3	F3-S3	F3-S3	20
<b>Min</b>	0.0		9.1			<b>Min</b>	0.3	13.0					
<b>Max</b>	29.0		51.7			<b>Max</b>	1.6	18.0					
<b>Total</b>	135.9												

## Appendix A - Level I Data

### Haller

Daily Data Summary					Weekly Data Summary									
	Sum precip. # of days	Avg lk level # of days			Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
Week of	(mm)	(cm)												
1-Oct-01	0.0	7	28.2	7	30-Sep-01	10:00 AM	2.75	15.5						
8-Oct-01	13.0	7	27.1	7	7-Oct-01	10:00 AM	2.50	14.5						
15-Oct-01	31.0	7	29.4	7	14-Oct-01	10:10 AM	2.75	12.5						
22-Oct-01	47.0	7	34.6	7	21-Oct-01	11:30 AM	2.50	11.5						
29-Oct-01	18.0	7	42.2	7	28-Oct-01	9:15 AM	2.25	10.0						
5-Nov-01	7.0	7	43.4	7	4-Nov-01	10:00 AM	2.00	10.0						
12-Nov-01	96.0	7	55.9	7	11-Nov-01	9:30 AM	2.25	9.0						
19-Nov-01	95.0	7	64.2	7	18-Nov-01	9:50 AM	2.25	8.5						
26-Nov-01	81.0	7	59.4	7	25-Nov-01	9:40 AM	2.25	8.0						
3-Dec-01	30.0	7	57.8	7	2-Dec-01	10:00 AM	2.0	7.0						
10-Dec-01	98.0	7	62.6	7	9-Dec-01	9:40 AM	2.5	6.0						
17-Dec-01	23.0	7	57.7	7	17-Dec-01	10:20 AM	2.3	6.0						
24-Dec-01	2.0	7	45.3	7	23-Dec-01	9:50 AM	3.3	5.0						
31-Dec-01	4.0	1	45.0	1	30-Dec-01	9:45 AM	3.3	4.0						
7-Jan-02	13.0	5	62.2	5	13-Jan-02	9:45 AM	3.5	6.0						
14-Jan-02	19.1	7	58.1	7	20-Jan-02	10:05 AM	2.8	4.5						
21-Jan-02	39.0	7	59.9	7	27-Jan-02	11:40 AM	2.3	4.0						
28-Jan-02	19.8	6	59.7	6	3-Feb-02	10:00 AM	4.3	4.0						
4-Feb-02	36.0	7	60.1	7	10-Feb-02	10:00 AM	1.5	4.5						
11-Feb-02	10.0	7	58.8	7	17-Feb-02	10:05 AM	1.5	5.0						
18-Feb-02	70.0	7	64.8	7	24-Feb-02	10:20 AM	1.3	6.0						
25-Feb-02	1.0	7	59.7	7	3-Mar-02	10:15 AM	2.3	6.0						
4-Mar-02	18.0	7	57.0	7	10-Mar-02	3:00 PM	2.00	5.5						
11-Mar-02	43.0	7	60.6	7	17-Mar-02	9:25 AM	2.25	5.0						
18-Mar-02	12.0	7	57.7	7	24-Mar-02	9:50 AM	6.00	7.0						
25-Mar-02	11.0	7	56.9	7	31-Mar-02	10:00 AM	3.00	8.5						
1-Apr-02	5.0	7	55.7	7										
8-Apr-02	39.0	7	57.6	7	7-Apr-02	10:20 AM	3.00	10.0						
15-Apr-02	15.0	7	58.5	7	14-Apr-02	12:15 PM	3.00	11.5						
22-Apr-02	12.0	7	56.9	7	21-Apr-02	1:15 PM	4.00	12.0						
29-Apr-02	3.0	7	56.4	7	28-Apr-02	1:30 PM	3.00	13.0						
6-May-02	8.0	7	55.2	7	5-May-02	10:20 AM	2.75	12.0						
13-May-02	13.0	7	53.9	7	12-May-02	12:00 PM	4.00	15.0						
20-May-02	9.0	7	53.0	7										
27-May-02	8.0	7	51.4	7	26-May-02	2:00 PM	3.25	18.0						
3-Jun-02	6.0	7	48.9	7	2-Jun-02	11:00 AM	3.5	18.0						
10-Jun-02	0.0	7	45.8	7	9-Jun-02	11:15 AM	3.8	18.5						
17-Jun-02	3.0	7	42.9	7	16-Jun-02	11:45 AM	3.5	20.5						
24-Jun-02	18.0	7	40.4	7	24-Jun-02	10:00 AM	3.5	21.0						
1-Jul-02	5.0	7	40.1	7	30-Jun-02	10:50 AM	3.25	21.0	C1	P1	F1	NP	0	
8-Jul-02	20.0	7	40.6	7	6-Jul-02	11:20 AM	2.50	20.5	C1	P1	F1	NP	12	
15-Jul-02	0.0	7	37.0	7										
22-Jul-02	0.0	7	33.5	7	21-Jul-02	11:15 AM		23.0	C1	P1	F1	NP	0	
29-Jul-02	2.0	7	30.1	7	28-Jul-02	10:10 AM		21.5	C1	P1	F1	NP	0	
5-Aug-02	0.0	7	27.1	7	4-Aug-02	9:30 AM	2.50	20.0	C1	P1	F1	NP	0	
12-Aug-02	0.0	7	24.0	7	11-Aug-02	11:00 AM	3.25	21.5	C1	P1	F1	NP	0	
19-Aug-02	0.0	7	20.2	7	18-Aug-02	3:20 PM	2.00	23.0	C1	P1	F1	NP	1	
26-Aug-02	0.0	7	17.8	7	25-Aug-02	10:50 AM	3.25	21.0	C2	P2	F1	NP	0	
2-Sep-02	0.0	7	15.0	7	1-Sep-02	10:30 AM	2.75	21.0	C2	P2	F1	NP	0	
9-Sep-02	0.0	7	12.3	7	8-Sep-02	10:30 AM	2.75	18.5	C1	P1	F1	NP	1	
16-Sep-02	1.0	7	10.4	7	15-Sep-02	12:00 AM	3.00	19.0	C1	P1	F1	NP	5	
23-Sep-02	7.0	8	8.3	8	22-Sep-02	12:30 PM	3.00	18.0	C1	P1	F1	NP	0	
					29-Sep-02	10:40 AM	2.50	16.5	C2	P1	F1	NP	0	
Min	0.0		8.3		Min		1.3	4.0						
Max	98.0		64.8		Max		6.0	23.0						
Total	1010.9													



## Joy

Daily Data Summary					Weekly Data Summary													
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count					
1-Oct-01	0.0	7	4.3	7	30-Sep-01	6:45 PM	3.00	18.0										
8-Oct-01	63.0	7	7.0	7	7-Oct-01	4:00 PM	3.00	15.0										
15-Oct-01	49.0	7	13.6	7	14-Oct-01	4:30 PM	3.00	14.0										
22-Oct-01	65.0	7	23.3	7	21-Oct-01	2:30 PM	3.00	11.0										
29-Oct-01	38.0	7	31.3	7	28-Oct-01	1:30 PM	4.00	11.0										
5-Nov-01	1.0	7	33.4	7	4-Nov-01	5:00 PM	3.00	10.0										
12-Nov-01	107.0	7	51.4	7	11-Nov-01	2:00 PM	3.00	10.0										
19-Nov-01	115.0	7	64.1	7	18-Nov-01	4:00 PM	3.00	8.0										
26-Nov-01	66.0	7	64.4	7	25-Nov-01	4:00 PM	3.00	8.0										
3-Dec-01	26.0	7	60.6	7	2-Dec-01	2:00 PM	3.00	7.0										
10-Dec-01	75.0	7	59.9	7	9-Dec-01	2:00 PM	3.00	6.0										
17-Dec-01	9.0	7	59.0	7	16-Dec-01	3:30 PM	3.00	6.0										
24-Dec-01	4.0	7	46.4	7	22-Dec-01	12:00 PM	3.00	5.0										
31-Dec-01	33.0	7	41.1	7	30-Dec-01	2:00 PM	3.00	5.0										
7-Jan-02	36.0	7	46.3	7	6-Jan-02	12:00 PM	3.00	6.0										
14-Jan-02	32.0	7	44.3	7	13-Jan-02	3:30 PM	4.00	5.0										
21-Jan-02	20.0	7	44.9	7														
28-Jan-02	22.0	7	46.4	7	27-Jan-02	3:00 PM	4.00	4.0										
4-Feb-02	53.0	7	48.0	7	2-Feb-02	1:00 PM	4.00	4.0										
11-Feb-02	18.0	7	49.1	7	10-Feb-02	12:00 PM	4.00	4.0										
18-Feb-02	57.0	7	46.6	7	16-Feb-02	12:00 PM	4.00	4.0										
25-Feb-02	6.0	7	46.4	7	24-Feb-02	3:00 PM	3.00	6.0										
4-Mar-02	22.0	7	39.3	6	3-Mar-02	9:30 AM	3.00	5.5										
11-Mar-02	42.0	7	42.4	7	9-Mar-02	3:00 PM	3.00	5.0										
18-Mar-02	35.0	7	45.9	7	17-Mar-02	12:00 PM	3.00	5.0										
25-Mar-02	26.0	7	43.1	7	24-Mar-02	12:00 PM	3.00	6.5										
1-Apr-02	13.0	7	38.9	7														
8-Apr-02	70.0	7	39.7	7	7-Apr-02	6:00 PM	3.00	10.0										
15-Apr-02	16.0	7	47.1	7	14-Apr-02	5:00 PM	3.00	10.0										
22-Apr-02	16.0	7	40.4	7	21-Apr-02	6:45 PM	3.00	10.0										
29-Apr-02	20.0	7	33.6	7	28-Apr-02	7:30 PM	3.00	13.0										
6-May-02	3.0	7	29.7	7	5-May-02	4:15 PM	3.50	13.0										
13-May-02	16.0	7	25.9	7	12-May-02	6:30 PM	3.50	16.0										
20-May-02	16.0	7	23.7	7	19-May-02	4:00 PM	3.50	16.0										
27-May-02	27.0	7	24.3	7	26-May-02	7:30 PM	3.00	18.0										
3-Jun-02	22.0	7	22.4	7	2-Jun-02	2:30 PM	3.00	19.5										
10-Jun-02	0.0	7	19.9	7	9-Jun-02	8:30 PM	3.50	19.0										
17-Jun-02	17.0	7	17.9	7	16-Jun-02	6:00 PM	3.50	21.0										
24-Jun-02	35.0	7	16.1	7	23-Jun-02	7:00 PM	4.00	23.0										
1-Jul-02	18.0	7	16.0	7	30-Jun-02	6:00 PM	4.50	21.0	C1,P1	C1,P1	S1,F1	F1,S1	0					
8-Jul-02	6.0	7	15.9	7	7-Jul-02	11:00 AM	4.00	21.0	C1,P1	C1,P1	S1,F1	S1,F1	0					
15-Jul-02	0.0	7	12.3	7	14-Jul-02	8:30 PM	5.00	24.0	C1,P1	C1,P1	S2,F1	S1,F1	0					
22-Jul-02	1.1	7	9.1	7	21-Jul-02	12:00 PM	4.50	24.0	C1,P1	C1,P1	S2,F1	S1,F1	0					
29-Jul-02	0.1	7	7.0	7	28-Jul-02	8:00 PM	5.00	23.0	C1,P1	C2,P2	F1,S2	S1,F1	0					
5-Aug-02	0.1	7	4.7	7	4-Aug-02	6:00 PM	4.50	21.0	C1,P1	C1,P2	F1,S2	S1,F1	0					
12-Aug-02	0.0	7	2.0	7	11-Aug-02	6:00 PM	4.50	23.0	C1,P1	C1,P2	F1,S2	S1,F1	0					
19-Aug-02	2.0	7	-1.4	7	18-Aug-02	12:00 PM	3.50	24.0	C2,P1	C2,P1	F1,S2	S1,F1	0					
26-Aug-02	0.0	7	-3.7	7	25-Aug-02	8:00 PM	4.00	22.0	C2,P1	C2,P1	F1,S2	S1,F1	0					
2-Sep-02	8.0	7	-4.3	7	9-Feb-02	1:00 PM	3.50	21.0	C2,P1	C2,P1	F1,S2	S1,F2	0					
9-Sep-02	0.0	7	-4.9	7	8-Sep-02	6:00 PM	4.50	19.0	C2,P1	C2,P1	F1,S2	S1,F2	0					
16-Sep-02	4.0	7	-6.4	7	15-Sep-02	7:00 PM	4.00	20.0	C2,P1	C2,P2	F2,S2	S1,F1	0					
23-Sep-02	10.0	8	-6.8	8	22-Sep-02	6:30 PM	4.00	19.0	C2,P2	C2,P2	F2,S2	S2,F1	0					
					28-Sep-02	6:00 PM	4.00	17.0	C2,P2	C2,P2	F2,S2	S2,F1	0					
Min	0.0		-6.8		Min		3.00	4.0										
Max	115.0		64.4		Max		5.00	24.0										
Total	1340.2																	

## Appendix A - Level I Data

### Kathleen

Daily Data Summary					Weekly Data Summary									
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.0	7	23.0	7	4-Oct-01	3:00 PM	1.75	17.0						
8-Oct-01	37.0	7	23.1	7										
15-Oct-01	19.0	7	24.1	7	15-Oct-01	5:00 PM	2.25	13.0						
22-Oct-01	52.0	7	26.6	7										
29-Oct-01	25.0	7	30.9	7	29-Oct-01	3:00 PM	2.50	10.0						
5-Nov-01	9.0	7	33.7	7			2.50	12.0						
12-Nov-01	123.0	7	52.1	7	11-Nov-01	2:30 PM								
19-Nov-01	83.0	7	69.4	7										
26-Nov-01	74.0	7	72.9	7										
3-Dec-01	34.0	7	76.4	7			2.50	13.0						
10-Dec-01	95.0	7	77.0	7										
17-Dec-01	37.0	7	83.1	7										
24-Dec-01	4.0	7	66.1	7	23-Dec-01	12:30 PM								
31-Dec-01	25.0	7	58.9	7										
7-Jan-02	65.0	7	66.9	7										
14-Jan-02	24.0	7	62.0	7										
21-Jan-02	65.0	7	62.9	7										
28-Jan-02	34.0	7	68.9	7										
4-Feb-02	44.0	7	66.0	7	3-Feb-02	11:00 AM							2.50	14.0
11-Feb-02	3.5	1	67.0	1	10-Feb-02	12:00 PM	2.50	14.0						
18-Feb-02	67.0	0												
25-Feb-02	0.6	4	58.0	2										
4-Mar-02	5.0	7	53.6	7										
11-Mar-02	66.0	7	56.3	7										
18-Mar-02	36.0	7	61.3	7										
25-Mar-02	4.0	7	57.3	7										
1-Apr-02	5.0	7	46.2	7										
8-Apr-02	81.0	7	48.1	7										
15-Apr-02	17.0	7	58.7	7	14-Apr-02	4:00 PM							2.00	10.0
22-Apr-02	19.0	7	50.1	7	21-Apr-02	10:30 AM	1.50	11.0						
29-Apr-02	2.0	7	45.3	7	28-Apr-02	8:30 AM	2.25	11.0						
6-May-02	4.0	4	42.1	7	5-May-02	11:00 AM	2.25	12.0						
13-May-02	11.0	7	40.6	7	12-May-02	11:00 AM	3.50	14.5						
20-May-02	13.0	7	39.6	7	19-May-02	3:00 PM	3.00	18.0						
27-May-02	12.0	3	38.6	7			3.50	17.0						
3-Jun-02	20.0	7	38.4	7	2-Jun-02	10:00 AM								
10-Jun-02	0.0	7	36.5	7										
17-Jun-02	16.0	7	34.6	7										
24-Jun-02	28.0	7	32.9	7	23-Jun-02	3:00 PM								2.50
1-Jul-02	2.0	7	31.8	7	30-Jun-02	12:30 PM	2.25	20.0	P2	P2	F3	NP	0	
8-Jul-02	14.0	7	30.5	7	7-Jul-02	12:30 PM	2.25	21.5						
15-Jul-02	0.0	7	27.0	7	14-Jul-02	8:00 PM	1.75	23.5						
22-Jul-02	0.0	7	23.6	7	22-Jul-02	3:00 PM	1.75	23.0						
29-Jul-02	5.0	7	21.4	7										
5-Aug-02	2.0	7	18.7	7	4-Aug-02	1:00 PM	1.50	21.0	P2	P2	F3	NP	0	
12-Aug-02	0.0	7	15.5	7	18-Aug-02	16:00 PM	1.25	21.0	P2	P2	F3	NP	0	
19-Aug-02	4.0	7	12.9	7										
26-Aug-02	0.0	7	10.4	7										
2-Sep-02	10.0	7	8.6	7										
9-Sep-02	1.0	7	6.6	7										
16-Sep-02	7.0	7	5.0	7										
23-Sep-02	6.0	8	3.3	8										
Min	0.0		3.3			Min	1.25	10.0						
Max	123.0		83.1			Max	3.50	23.5						
Total	1310.0													
Numbers in bold are the distribution of cumulative data, interpolated from other lakes in the region.														

Numbers in bold are the distribution of cumulative data, interpolated from other lakes in the region.

**Killarney**

Daily Data Summary					Weekly Data Summary									
	Sum		Avg lk											
Week of	precip. (mm)	# of days	level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01														
8-Oct-01														
15-Oct-01														
22-Oct-01														
29-Oct-01														
5-Nov-01														
12-Nov-01														
19-Nov-01														
26-Nov-01														
3-Dec-01														
10-Dec-01														
17-Dec-01														
24-Dec-01														
31-Dec-01														
7-Jan-02														
14-Jan-02														
21-Jan-02														
28-Jan-02														
4-Feb-02														
11-Feb-02														
18-Feb-02														
25-Feb-02														
4-Mar-02														
11-Mar-02														
18-Mar-02														
25-Mar-02														
1-Apr-02														
8-Apr-02	74.5	2	84.5	2										
15-Apr-02	38.0	6	82.7	5	15-Apr-02	5:30 PM	1.65	11.0						
22-Apr-02	16.3	6	80.2	6	22-Apr-02	6:30 PM	1.40	11.8						
29-Apr-02	0.0	6	78.2	6	29-Apr-02	6:00 PM	2.25	14.0						
6-May-02	11.0	5	76.7	5	6-May-02	5:50 PM	2.40	12.0						
13-May-02	8.8	6	75.0	6	14-May-02	6:30 PM	2.60	15.0						
20-May-02	7.0	7	72.8	4	20-May-02	7:00 PM	2.60	16.5						
27-May-02	16.0	7	71.5	7	28-May-02	6:45 PM	2.60	20.0						
3-Jun-02	4.0	3	68.7	3	3-Jun-02	5:45 PM	2.00	20.5						
10-Jun-02	0.0	6	65.3	7	10-Jun-02	6:30 PM	2.40	20.0						
17-Jun-02	4.0	7	62.0	7	18-Jun-02	6:40 PM	1.80	19.0						
24-Jun-02	10.0	3	59.3	3	25-Jun-02	6:30 PM	1.75	24.0						
1-Jul-02	4.0	1	69.0	1	2-Jul-02		2.10		P1	P3	NP	NP	0	
8-Jul-02	0.0	6	54.6	6	10-Jul-02		2.10		P1	P3	NP	NP	0	
15-Jul-02	0.0	7	51.1	4	15-Jul-02	6:30 PM	1.90		P1	P2	NP	NP	0	
22-Jul-02	0.0	3	47.3	3	22-Jul-02	6:00 PM	2.10		P1	P1	NP	NP	0	
29-Jul-02	0.0	7	43.5	7	31-Jul-02		1.90		P1	P1	NP	NP	12	
5-Aug-02	1.0	7	40.8	4	8-Aug-02	5:40 PM	2.00		P1	P1	NP	S2	5	
12-Aug-02	0.0	7	38.4	4										
19-Aug-02	0.0	7	32.0	5	19-Aug-02		1.80		P2	P2	NP	NP	0	
26-Aug-02	0.0	1	30.0	1	26-Aug-02	7:00 PM	2.00		P2	NA	NP	NP	2	
2-Sep-02														
9-Sep-02	0.0	7	23.8	7	11-Sep-02		1.90	20.0	NA	NA	NP	NP	0	
16-Sep-02	0.0	7	21.3	7	18-Sep-02		2.10	22.0	P1	P1	NP	NP	0	
23-Sep-02	0.0	8	18.8	5	25-Sep-02		2.00	22.0	P1	P2	NP	NP	2	
Min	0.0		18.8			Min	1.40	11.0						
Max	74.5		84.5			Max	2.60	24.0						
Total	194.6													

## Appendix A - Level I Data

### Langlois

Daily Data Summary					Weekly Data Summary									
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	2.0	7	-3.0	7	1-Oct-01	1:00 PM	8.00							
8-Oct-01	120.0	7	-0.9	7	7-Oct-01	1:00 PM	7.50							
15-Oct-01	49.0	7	1.6	7	18-Oct-01	1:00 PM	7.50							
22-Oct-01	99.0	7	5.6	7										
29-Oct-01	45.0	7	9.1	7	31-Oct-01	1:00 PM	7.50							
5-Nov-01	0.0	7	12.6	7	6-Nov-01	1:00 PM	7.50							
12-Nov-01	126.0	7	18.0	7	18-Nov-01	1:00 PM	7.50							
19-Nov-01	136.0	7	26.7	7										
26-Nov-01	91.0	5	33.3	4										
3-Dec-01	40.0	2	35.1	7										
10-Dec-01	115.0	7	37.7	7										
17-Dec-01	19.0	7	42.7	7										
24-Dec-01			44.0	7	22-Dec-01	1:00 PM	7.50							
31-Dec-01			44.0	1										
7-Jan-02														
14-Jan-02														
21-Jan-02														
28-Jan-02														
4-Feb-02														
11-Feb-02														
18-Feb-02														
25-Feb-02														
4-Mar-02														
11-Mar-02														
18-Mar-02														
25-Mar-02														
1-Apr-02			44.0	7										
8-Apr-02	87.0	2	44.7	7										
15-Apr-02	18.0	7	47.1	7	17-Apr-02	4:00 PM	3.50	11.5						
22-Apr-02	18.0	7	44.7	7	22-Apr-02	8:00 AM	4.00	10.5						
29-Apr-02	7.0	7	43.1	7	29-Apr-02	5:00 PM	4.50	13.0						
6-May-02	16.0	7	40.9	7	6-May-02	8:00 AM	5.50	12.5						
13-May-02	16.0	7	39.0	7	13-May-02	4:00 PM	5.75	13.5						
20-May-02	5.0	7	38.0	7	22-May-02	4:00 PM	6.50	15.0						
27-May-02	40.0	7	38.1	7	26-May-02	4:00 PM	6.50	15.0						
3-Jun-02	<b>45.0</b>	0			2-Jun-02	4:00 PM	6.00	15.0						
10-Jun-02	0.0	7	36.4	7	10-Jun-02		6.25	15.0						
17-Jun-02	10.0	7	35.3	7										
24-Jun-02	44.0	7	34.0	7	24-Jun-02	4:00 PM	5.75	16.0						
1-Jul-02	9.0	7	28.6	7	1-Jul-02	8:00 AM	5.75	20.5	P1	P1	S1	NP	0	
8-Jul-02	28.0	7	26.1	7										
15-Jul-02	0.0	7	24.6	7	15-Jul-02	3:30 PM	6.50	25.0	C1	NA	S1	NP	0	
22-Jul-02	2.0	7	23.0	7										
29-Jul-02	0.0	7	21.4	7	30-Jul-02	10:30 AM	6.50	22.5	NA	NA	F1	NP	0	
5-Aug-02	4.0	7	19.3	7	4-Aug-02	4:00 PM	7.00	21.5	NA	NA	F1	NP		
12-Aug-02	0.0	7	10.9	7	12-Aug-02	4:00 PM	7.50	22.5	NA	NA	F1	NP		
19-Aug-02	6.0	4	8.8	4										
26-Aug-02	0.0	1	4.0	1										
2-Sep-02	10.0	7	3.1	7	2-Sep-02	1:00 PM			NA		F1		0	
9-Sep-02	10.0	7	1.1	7	9-Sep-02	1:00 PM	8.50	18.0	NA	NA	F1	NP	0	
16-Sep-02	10.0	7	-1.6	7										
23-Sep-02	26.0	8	-3.6	8	30-Sep-02	1:00 PM	8.00	17.0	NA	NA	F1	NP	50	
Min	0.0		-3.6			Min	3.50	10.5						
Max	136.0		47.1			Max	8.50	25.0						
Total	1253.0													
Numbers in bold are the distribution of cumulative data, interpolated from other lakes in the region.														

Numbers in bold are the distribution of cumulative data, interpolated from other lakes in the region.

**Leota**

Daily Data Summary					Weekly Data Summary									
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.1	7	47.3	7	7-Oct-01	12:50 PM	3.10	14.0						
8-Oct-01	32.0	7	47.3	7										
15-Oct-01	49.1	7	51.2	6	14-Oct-01	5:15 PM	2.25	13.0						
22-Oct-01	54.0	7	55.8	6										
29-Oct-01	27.0	7	65.3	7	28-Oct-01	12:00 PM	2.75	10.5						
5-Nov-01	0.0	7	67.1	7	4-Nov-01	11:00 AM	2.50	10.5						
12-Nov-01	97.1	7	85.3	7	11-Nov-01	10:20 AM	2.25	9.0						
19-Nov-01	90.1	7	105.4	7	18-Nov-01	2:10 PM	2.20	9.0						
26-Nov-01	95.0	7	94.4	7	27-Nov-01		2.25	8.0						
3-Dec-01	28.1	7	88.4	7	2-Dec-01	11:30 AM	2.25	7.0						
10-Dec-01	76.5	7	89.7	7	8-Dec-01	12:30 PM	2.75	6.5						
17-Dec-01	28.5	7	93.9	7	17-Dec-01	2:30 PM	3.00	6.5						
24-Dec-01	3.0	7	77.4	7	23-Dec-01	1:00 PM	3.00	5.5						
31-Dec-01	23.6	7	75.3	7	30-Dec-01	1:00 PM	3.00	5.5						
7-Jan-02	60.0	7	88.4	7	6-Jan-02	2:15 PM	3.00	5.0						
14-Jan-02	17.0	7	84.4	7	13-Jan-02	1:30 PM	3.50	6.5						
21-Jan-02	32.0	7	82.6	7	20-Jan-02	1:00 PM	3.50	5.5						
28-Jan-02	36.1	6	85.6	7	27-Jan-02	12:00 PM	3.00	5.0						
4-Feb-02	39.1	5	87.0	7	3-Feb-02	12:00 PM	3.50	5.0						
11-Feb-02	13.0	7	86.9	7	10-Feb-02	1:30 PM	3.50	5.5						
18-Feb-02	54.0	7	86.9	7	17-Feb-02	11:00 AM	3.00	5.5						
25-Feb-02	6.0	7	89.7	7	24-Feb-02	11:00 AM	3.00	7.5						
4-Mar-02	9.1	7	79.6	7	3-Mar-02	11:30 AM	3.00	8.0						
11-Mar-02	50.0	7	85.7	7	10-Mar-02	11:30 AM	3.50	6.0						
18-Mar-02	18.1	7	86.0	7	17-Mar-02	1:00 AM	4.00	6.0						
25-Mar-02	25.0	7	80.7	7	24-Mar-02	12:00 PM	3.50	6.0						
1-Apr-02	8.0	7	76.1	7	31-Mar-02	12:30 PM	3.50	8.0						
8-Apr-02	45.0	7	77.0	7	7-Apr-02	2:00 PM	4.00	10.0						
15-Apr-02	18.0	7	85.7	7	14-Apr-02	2:30 PM	2.75	11.5						
22-Apr-02	18.6	7	79.3	7	21-Apr-02	12:00 PM	2.75	12.0						
29-Apr-02	4.1	7	74.0	7										
6-May-02	12.0	7	73.1	7	5-May-02	2:00 PM	4.00	12.0						
13-May-02	17.8	7	71.7	7	12-May-02	3:30 PM	4.25	14.0						
20-May-02	9.5	7	71.0	7										
27-May-02	9.1	7	69.6	7	26-May-02	1:00 PM	3.75	17.0						
3-Jun-02	15.1	7	67.6	7	2-Jun-02	1:00 PM	4.75	19.0						
10-Jun-02	0.1	7	67.4	7	9-Jun-02	1:30 PM	4.00	17.0						
17-Jun-02	15.0	7	65.9	7	16-Jun-02	1:30 PM	3.25	21.0						
24-Jun-02	20.1	7	64.6	7	23-Jun-02	1:00 PM	3.75	21.0						
1-Jul-02	8.1	7	64.6	7	30-Jun-02	1:30 PM	3.75	21.0						
8-Jul-02	24.1	7	66.0	7	7-Jul-02	2:00 PM	3.75	21.0	P-2		S-2		0	
15-Jul-02	0.0	7	62.7	7	14-Jul-02				P-2		S-2		0	
22-Jul-02	0.0	7	58.7	7	21-Jul-02	1:00 PM	4.25	23.0	P-2		P-2	F-2	NP	0
29-Jul-02	1.0	7	55.9	7	28-Jul-02	1:00 PM	3.25	22.0	P2	P2	F2	NP	0	
5-Aug-02	3.0	7	53.6	7	4-Aug-02	2:00 PM	3.30	20.5	P2	P2	F2	NP	0	
12-Aug-02	0.0	7	48.3	3	11-Aug-02	1:00 PM	3.30	21.5	P2	P2	F2	NP	0	
19-Aug-02	4.0	7	47.1	7	18-Aug-02	1:00 PM	3.25	22.5	P2	P2	F2	NP	0	
26-Aug-02	0.0	7	44.6	7	25-Aug-02	1:30 PM	3.25	21.5	P2	P2	F2	NP	0	
2-Sep-02	2.1	7	41.9	7	1-Sep-02	1:00 PM	3.50	21.0	P2	P2	F2	NP	0	
9-Sep-02	0.0	7	40.1	7	8-Sep-02	3:00 PM	3.50	18.5	P2	P2	F2	NP	0	
16-Sep-02	3.0	7	38.1	7	15-Sep-02	1:00 PM	3.50	20.0	P2	P2	F2	NP	0	
23-Sep-02	9.0	8	36.5	8	22-Sep-02	12:00 AM	4.00	17.0	P2	P2	F2	NP	0	
					29-Sep-02	12:00 AM	4.00	16.5	P2	P2	F2	NP	0	
Min	0.0		36.5		Min		2.75	5.0						
Max	97.1		105.4		Max		4.75	23.0						
Total	1209.4													

## Appendix A - Level I Data

### Marcel

Daily Data Summary					Weekly Data Summary									
	Sum		Avg lk											
Week of	precip. (mm)	# of days	level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.0	7	60.8	7	30-Sep-01	2:00 PM	1.30	16.6						
8-Oct-01	73.6	7	62.7	7	7-Oct-01	3:20 PM	1.50	14.2						
15-Oct-01	44.2	7	62.6	7	14-Oct-01	2:10 PM	1.70	13.3						
22-Oct-01	65.3	7	64.0	7	21-Oct-01	2:30 PM	1.70	11.5						
29-Oct-01	24.8	7	63.4	7	28-Oct-01	2:00 PM	2.00	10.4						
5-Nov-01	15.5	7	63.1	7	5-Nov-01	3:40 PM	2.30	10.1						
12-Nov-01	134.5	7	70.2	7	11-Nov-01	2:00 PM	2.20	8.9						
19-Nov-01	129.1	7	74.2	7	20-Nov-01	1:00 PM	1.70	8.9						
26-Nov-01	91.5	7	68.9	7	25-Nov-01	2:00 PM	1.50	7.9						
3-Dec-01	41.2	7	65.4	7	3-Dec-01	2:30 PM	2.00	6.4						
10-Dec-01	87.1	7	67.6	7	9-Dec-01	3:00 PM	2.10	5.8						
17-Dec-01	27.5	7	65.5	7	18-Dec-01	1:30 PM	2.00	5.5						
24-Dec-01	8.1	7	59.5	7	23-Dec-01	4:00 PM	2.30	4.8						
31-Dec-01	34.9	7	64.3	7	30-Dec-01	3:00 PM	2.60	3.8						
7-Jan-02	67.1	7	66.9	7	8-Jan-02	2:00 PM	3.10	5.5						
14-Jan-02	36.6	7	66.0	7	13-Jan-02	3:30 PM	2.80	5.8						
21-Jan-02	35.9	7	66.6	7	20-Jan-02	2:30 PM	3.20	4.8						
28-Jan-02	43.1	7	67.3	7	27-Jan-02	3:40 PM	2.60	4.2						
4-Feb-02	50.0	7	67.9	7		2:25 AM	2.00	4.6						
11-Feb-02	19.0	7	66.9	7	10-Feb-02	2:10 PM	2.60	4.7						
18-Feb-02	72.9	7	68.5	7	18-Feb-02	3:15 PM	2.50	5.7						
25-Feb-02	7.6	7	66.4	7	25-Feb-02	2:25 PM	2.50	6.2						
4-Mar-02	30.5	7	65.1	7	3-Mar-02	3:40 PM	2.50	6.3						
11-Mar-02	54.2	7	67.6	7	11-Mar-02	3:30 PM	2.00	6.2						
18-Mar-02	31.8	4	67.0	7	17-Mar-02	2:45 PM	2.80	6.4						
25-Mar-02	27.7	7	65.7	7	24-Mar-02	3:03 PM	2.70	6.7						
1-Apr-02	12.9	7	64.8	7	2-Apr-02	2:16 PM	3.00	9.5						
8-Apr-02	95.3	7	69.8	2	7-Apr-02	5:30 PM	3.00	10.0						
15-Apr-02	17.5	7	67.3	7	15-Apr-02	2:00 PM	3.00	10.0						
22-Apr-02	20.1	7	64.8	7	21-Apr-02	2:45 PM	2.00	10.5						
29-Apr-02	2.0	7	64.2	7	28-Apr-02	2:55 PM	3.10	11.5						
6-May-02	16.5	7	63.9	7	5-May-02	4:50 PM	2.50	11.8						
13-May-02	17.3	7	63.6	7	14-May-02	3:40 PM	2.80	14.2						
20-May-02	15.8	7	63.4	7	19-May-02	2:15 PM	2.70	15.5						
27-May-02	27.1	7	63.8	7	26-May-02	3:30 PM	2.20	17.5						
3-Jun-02	24.5	7	63.4	7	2-Jun-02	3:25 PM	2.20	19.5						
10-Jun-02	0.0	7	62.9	7	9-Jun-02	2:50 PM	2.00	17.8						
17-Jun-02	18.3	7	63.0	7	16-Jun-02	3:10 PM	3.20	20.5						
24-Jun-02	0.0	7	62.7	7	23-Jun-02	2:35 PM	3.60	22.0						
1-Jul-02	21.4	7	62.7	7	30-Jun-02	3:45 PM	3.70	20.8						
8-Jul-02	18.8	7	61.9	7	7-Jul-02	2:25 PM	3.50	20.7	NA	NA	F3	NP	62	
15-Jul-02	0.0	7	61.5	7	14-Jul-02	2:20 PM	3.50	22.8	C1	C1	F1	NP	59	
22-Jul-02	0.0	7	61.3	7	22-Jul-02	3:30 PM	3.30	24.5	C1	C1		NP	20	
29-Jul-02	1.3	7	61.4	7	28-Jul-02	3:15 PM	3.20	21.8	C1	P1		NP	30	
5-Aug-02	4.3	7	61.2	7	4-Aug-02	3:40 PM	3.20	20.8	C1	C1	S1	NP	0	
12-Aug-02	0.0	7	61.0	7	11-Aug-02	4:20 PM	2.20	21.4	P1	P2	S1	NP	0	
19-Aug-02	2.5	7	61.1	7	18-Aug-02	2:50 PM	3.10	22.5	P1	C1	S1	NP	0	
26-Aug-02	0.0	7	61.0	7	25-Aug-02	2:45 PM	3.80	21.5	C1	C1	S1	NP	0	
2-Sep-02	8.4	7	61.3	7	1-Sep-02	3:20 PM	3.50	20.8	P1	C1	F1-S1	NP	2	
9-Sep-02	1.0	7	61.2	7	8-Sep-02	3:20 PM	3.50		C1	C1	S1	NP	0	
16-Sep-02	6.6	7	61.3	7	15-Sep-02	3:00 PM	3.00	19.5	C1-P1	NA	F1	NP	0	
23-Sep-02	20.4	8	61.7	8	22-Sep-02	3:30 PM	2.50	18.5	C1	C1	S1	NP	0	
					29-Sep-02	2:20 PM	2.10	16.4	C1	C1	S1	NP	0	
Min	0.0		59.5		Min		2.00	3.8						
Max	134.5		74.2		Max		3.80	24.5						
Total	1605.5													



**Margaret**

Daily Data Summary					Weekly Data Summary									
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.1	7	43.6	7										
8-Oct-01	51.1	7	46.1	7	6-Oct-01	6:00 PM	3.50	17.0						
15-Oct-01	46.2	7	56.1	7	13-Oct-01	11:30 AM	3.50	12.5						
22-Oct-01	80.0	7	38.4	7	20-Oct-01	3:30 PM	3.00	11.0						
29-Oct-01	33.1	7	6.9	7	27-Oct-01	12:00 PM	3.25	9.5						
5-Nov-01	18.1	7	8.9	7	3-Nov-01	12:00 PM	3.00	9.0						
12-Nov-01	125.1	7	46.6	7	10-Nov-01	11:00 AM	2.75	8.0						
19-Nov-01	130.1	7	75.3	7	17-Nov-01	3:30 PM	2.25	8.0						
26-Nov-01	105.0	7	65.3	7	24-Nov-01	12:00 PM	2.75	7.0						
3-Dec-01	38.1	7	58.7	7	1-Dec-01	3:00 PM	2.75	5.5						
10-Dec-01	113.0	7	57.3	7	8-Dec-01	1:00 PM	3.25	4.5						
17-Dec-01	42.0	7	59.9	7	15-Dec-01	1:45 PM	3.50	4.0						
24-Dec-01	6.0	7	5.4	7	22-Dec-01	1:15 PM	4.25	4.0						
31-Dec-01	30.1	7	12.6	7	29-Dec-01	1:30 PM	4.25	3.0						
7-Jan-02	73.1	7	44.3	7	5-Jan-02	12:00 PM	4.00	3.0						
14-Jan-02	30.2	7	19.0	7	12-Jan-02	12:15 PM	4.25	5.0						
21-Jan-02	45.1	7	28.6	7	19-Jan-02	1:00 PM	4.50	3.5						
28-Jan-02	28.1	7	34.4	7	26-Jan-02	2:30 PM	4.50	3.0						
4-Feb-02	50.1	7	27.6	7	2-Feb-02	1:30 PM								
11-Feb-02	24.1	7	36.4	5	9-Feb-02	5:00 PM	4.50	3.0						
18-Feb-02	82.0	7	25.6	7	16-Feb-02	2:00 PM	4.75	4.0						
25-Feb-02	5.0	7	39.1	7	23-Feb-02	1:00 PM	4.25	5.0						
4-Mar-02	47.1	7	23.0	7	2-Mar-02	3:30 PM	4.50	5.0						
11-Mar-02	74.0	7	57.3	7	9-Mar-02	4:15 PM	4.25	4.0						
18-Mar-02	38.1	7	60.6	7	16-Mar-02	1:30 PM	4.50	4.5						
25-Mar-02	37.1	7	57.4	7	23-Mar-02	12:30 PM	5.00	5.0						
1-Apr-02	16.0	7	61.3	7	30-Mar-02	6:00 PM	4.75	6.5						
8-Apr-02	75.0	7	64.9	7	6-Apr-02	12:30 PM	4.50	8.0						
15-Apr-02	30.1	7	71.9	7	13-Apr-02	3:00 PM	4.20	10.0						
22-Apr-02	20.1	7	65.6	7	20-Apr-02	1:30 PM	4.25	9.0						
29-Apr-02	10.1	7	63.4	7	27-Apr-02	1:00 PM	4.40	9.5						
6-May-02	24.1	7	65.4	7	4-May-02	3:30 PM	3.60	11.0						
13-May-02	18.1	7	65.9	7	11-May-02	6:30 PM	4.10	13.0						
20-May-02	29.1	7	63.9	7	18-May-02	12:00 PM	4.10	14.5						
27-May-02	26.0	7	65.9	7	25-May-02	1:00 PM	4.70	17.0						
3-Jun-02	31.1	7	64.9	7	1-Jun-02	1:30 PM	5.10	18.0						
10-Jun-02	0.0	7	63.3	7	8-Jun-02	7:00 PM	4.90	16.0						
17-Jun-02	12.1	7	61.4	7	14-Jun-02	11:00 AM	4.50	19.0						
24-Jun-02	33.0	7	60.0	7	22-Jun-02	12:00 PM	4.20	20.0						
1-Jul-02	25.0	7	63.9	7	29-Jun-02	4:00 PM	4.50	20.0						
8-Jul-02	22.1	7	63.6	7	6-Jul-02	2:30 PM	3.90	21.0	C1	P1	S1	NP	37	
15-Jul-02	0.0	7	58.4	7	13-Jul-02	12:00 PM	4.00	21.0	C1	P1	S1	NP	0	
22-Jul-02	0.1	7	55.1	7	20-Jul-02	11:30 AM	3.70	21.5	C1	P1	S2	NP	0	
29-Jul-02	3.1	7	52.0	7	27-Jul-02	12:30 PM	3.80	21.0	P1	P1	S2	NP	0	
5-Aug-02	0.1	7	47.9	7	3-Aug-02	11:00 AM	3.90	20.0	P2	P2	S2	NP	0	
12-Aug-02	0.0	7	43.7	7	10-Aug-02	3:00 PM	4.25	21.0	C1-P2	C1-P2	S2	NP	0	
19-Aug-02	0.0	7	38.7	7	17-Aug-02	1:00 PM	4.30	22.0	C1-P1	C1-P1	S2	NP	0	
26-Aug-02	0.0	7	35.3	7	24-Aug-02	1:30 PM	4.00	22.0	C1-P2	C1-P2	S2	NP	0	
2-Sep-02	16.0	7	33.6	7	31-Aug-02	3:30 AM	4.00	20.0	C1-P2	C1-P2	S1	NP	0	
9-Sep-02	1.1	7	30.6	7	7-Sep-02	4:00 PM	3.24	18.0	C1-P1	C1-P1	S2	NP	0	
16-Sep-02	12.0	7	28.6	7	14-Sep-02	2:00 PM	3.60	20.0	C1-P1	C1-P1	S2	NP	0	
23-Sep-02	20.0	8	26.4	8	21-Sep-02	2:30 PM	3.50	17.5	C1-P1	C1-P1	S2	NP	0	
					28-Sep-02	1:00 PM	3.40	16.0	C1-P1	C1-P1	S2	NP	0	
Min	0.0		5.4		Min		3.24	3.0						
Max	130.1		75.3		Max		5.10	22.0						
Total	1775.2													

## Appendix A - Level I Data

### McDonald

Daily Data Summary					Weekly Data Summary								
	Sum		Avg lk										
Week of	precip. (mm)	# of days	level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count
1-Oct-01	6.0	7	29.0	7									
8-Oct-01	37.0	7	30.6	7									
15-Oct-01	15.0	6	33.7	6									
22-Oct-01	51.0	3	38.7	3									
29-Oct-01													
5-Nov-01													
12-Nov-01													
19-Nov-01													
26-Nov-01													
3-Dec-01													
10-Dec-01													
17-Dec-01													
24-Dec-01													
31-Dec-01													
7-Jan-02													
14-Jan-02													
21-Jan-02	<b>78.0</b>	6	48.8	6									
28-Jan-02	11.0	2	42.5	2									
4-Feb-02	69.0	7	44.9	7									
11-Feb-02	13.0	7	43.7	7									
18-Feb-02	25.0	3	41.7	3									
25-Feb-02	0.0	3	42.0	3									
4-Mar-02	16.0	7	39.3	7									
11-Mar-02	66.0	6	43.3	6									
18-Mar-02	44.0	7	45.6	7									
25-Mar-02	14.0	7	41.1	7									
1-Apr-02	5.0	7	39.1	7									
8-Apr-02	85.0	7	45.1	7									
15-Apr-02	19.0	7	47.4	7									
22-Apr-02	17.0	7	39.9	7									
29-Apr-02	0.0	2	37.5	2									
6-May-02													
13-May-02													
20-May-02													
27-May-02	0.0	2	34.5	2									
3-Jun-02	18.0	7	34.0	7									
10-Jun-02	0.0	7	33.0	7									
17-Jun-02	12.0	7	32.1	7									
24-Jun-02	26.0	7	31.4	7									
1-Jul-02	3.0	7	32.1	7									
8-Jul-02	14.0	7	31.9	7									
15-Jul-02	0.0	7	29.7	7									
22-Jul-02	2.0	7	27.4	7									
29-Jul-02	6.0	7	26.4	7									
5-Aug-02	3.0	7	25.6	7									
12-Aug-02	0.0	7	23.6	7									
19-Aug-02	2.0	7	21.7	7									
26-Aug-02													
2-Sep-02	9.0	6	19.3	6									
9-Sep-02	1.0	7	18.0	7									
16-Sep-02	3.0	7	17.4	7									
23-Sep-02	9.0	8	16.3	8									
Min	0.0		16.3			Min	0.00	0.0					
Max	85.0		48.8			Max	0.00	0.0					
Total	679.0												
Number in bold in anomalously high compared to other lakes in the region.													

Number in bold in anomalously high compared to other lakes in the region.

**Meridian**

Daily Data Summary					Weekly Data Summary									
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01					1-Oct-01									
6-Oct-01	0.0		30.0		6-Oct-01	1:30 PM	5.00	16.0						
13-Oct-01	12.0		28.5		13-Oct-01	9:30 AM	5.00	14.0						
20-Oct-01	16.0		28.3		20-Oct-01	2:00 PM	5.00	14.0						
27-Oct-01	43.0		30.0		27-Oct-01	1:00 PM	5.00	12.0						
3-Nov-01	26.0		31.0		3-Nov-01	1:00 PM	4.50	11.0						
10-Nov-01	10.0		34.0		10-Nov-01	2:30 PM	4.25	11.0						
17-Nov-01	130.0		48.5		17-Nov-01	2:30 PM	3.50	10.0						
23-Nov-01	60.0		55.8		23-Nov-01	2:30 PM	4.00	9.0						
1-Dec-01	44.0		65.0		1-Dec-01	1:00 PM	4.50	7.0						
8-Dec-01	34.0		69.0		8-Dec-01	10:30 AM	5.00	7.0						
15-Dec-01	60.0		75.0		15-Dec-01	11:30 AM	5.00	7.0						
22-Dec-01	30.0		76.0		22-Dec-01	1:30 PM	4.50	5.0						
29-Dec-01	16.0		71.0		29-Dec-01	1:30 PM	4.50	6.0						
5-Jan-02	6.0		65.5		5-Jan-02	1:30 PM	4.50	6.0						
12-Jan-02	44.0		69.8		12-Jan-02	12:00 PM	5.00	5.0						
19-Jan-02	11.0		66.0		19-Jan-02	2:30 PM	4.75	5.0						
26-Jan-02	54.0		69.0		26-Jan-02	1:30 PM	4.75	5.0						
2-Feb-02	20.0		67.5		2-Feb-02	1:30 PM	4.50	5.0						
9-Feb-02	32.0		63.8		9-Feb-02	1:30 PM	5.00	5.0						
16-Feb-02	10.0		61.0		16-Feb-02	2:30 PM	5.00	5.0						
23-Feb-02	50.0		60.0		23-Feb-02	1:30 PM	4.50	5.0						
2-Mar-02	4.0		60.0		2-Mar-02	1:30 PM	5.00	6.0						
9-Mar-02	4.0		57.0		9-Mar-02	1:30 PM	5.00	6.0						
16-Mar-02	40.0		57.5		16-Mar-02	1:30 PM	5.00	4.0						
23-Mar-02	30.0		59.0		23-Mar-02	2:00 PM	4.50	7.0						
30-Mar-02	2.0		58.5		30-Mar-02	2:00 PM	4.50	8.0						
6-Apr-02	30.0		59.0		6-Apr-02	2:30 PM	5.00	13.0						
12-Apr-02	32.0		59.5		13-Apr-02	1:30 PM	5.00	12.0						
20-Apr-02	30.0		60.0		20-Apr-02	1:30 PM	4.50	11.0						
27-Apr-02	12.0		57.5		27-Apr-02	1:30 PM		13.0						
1-May-02	1.0		54.3		4-May-02	1:00 PM		12.0						
11-May-02	4.0		51.0		11-May-02	1:30 PM		14.0						
18-May-02	4.0		49.5		18-May-02	1:30 PM		14.0						
25-May-02	6.0		48.8		25-May-02	1:30 PM		16.0						
1-Jun-02	8.0		48.5		1-Jun-02	1:30 PM		20.0						
8-Jun-02	0.0		44.3		8-Jun-02	1:30 PM		20.0						
16-Jun-02	0.0		42.0		15-Jun-02	2:30 PM		20.0						
23-Jun-02	0.0		41.0		22-Jun-02	1:30 PM		22.0						
29-Jun-02					29-Jun-02	1:30 PM		22.0						
6-Jul-02	3.0		40.8		6-Jul-02	1:30 PM	4.50	21.0	NA	NA	F1	S1	0	
13-Jul-02	7.0		39.0		13-Jul-02	8:30 AM		23.0	NA	NA	F1	S1	0	
20-Jul-02	2.0		34.5		20-Jul-02	11:30 AM		23.0	NA	NA	F1	S1	0	
27-Jul-02	0.0		33.3		27-Jul-02	9:00 AM	4.50	21.0	NA	NA	F1	S1	0	
3-Aug-02	0.0		30.8		3-Aug-02	12:00 PM		21.0	NA	NA	F1	S1	0	
10-Aug-02	0.0		29.0		10-Aug-02	4:30 PM		23.0	NA	C1	F1-S1	F1-S1	0	
17-Aug-02	0.0		26.0		17-Aug-02	4:00 PM		21.0	NA	C1	F1-S1	F1-S1	0	
24-Aug-02	0.0		23.0		24-Aug-02	5:30 PM		21.0	NA	C1	F1-S1	F1-S1	0	
31-Aug-02	0.0		20.5		31-Aug-02	4:00 PM		21.0	NA	C1	F1-S1	F1-S1	0	
7-Sep-02	8.0		18.0		7-Sep-02	5:00 PM		21.0	NA	C1	F1-S1	F1-S1	0	
14-Sep-02	0.0		15.5		14-Sep-02	3:00 PM		21.0	NA	C1	F1-S1	F1-S1	0	
20-Sep-02	4.0		13.0		20-Sep-02	5:00 PM		19.0	NA	C1	F1-S1	F1-S1	0	
27-Sep-02	0.0		10.5		27-Sep-02	3:00 PM		19.0	NA	C1	F1-S1	F1-S1	0	
Min	0.0		10.5			Min	4.50	4.0						
Max	130.0		76.0			Max	5.00	23.0						
Total	939.0													
*Precipitation numbers are weekly accumulations.														

\*Precipitation numbers are weekly accumulations.

## Appendix A - Level I Data

### Mirror

Daily Data Summary					Weekly Data Summary									
	Sum		Avg lk											
Week of	precip. (mm)	# of days	level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.0	7	31.6	7	30-Sep-01	1:30 PM	3.00	17.5						
8-Oct-01	17.0	7	30.6	7	8-Oct-01	11:00 AM	3.00	15.0						
15-Oct-01	19.0	7	31.3	7	18-Oct-01	2:30 PM	3.50	13.5						
22-Oct-01	45.0	7	33.4	7	22-Oct-01	10:30 AM	3.00	12.0						
29-Oct-01	25.0	7	38.1	7	29-Oct-01	11:00 AM	3.00	11.5						
5-Nov-01	10.4	7	40.6	7	5-Nov-01	4:30 PM	3.75	10.0						
12-Nov-01	135.1	7	57.1	7	12-Nov-01	10:30 AM	4.00	10.0						
19-Nov-01	67.3	7	69.9	7	19-Nov-01	10:30 AM	4.00	10.0						
26-Nov-01	63.0	7	73.1	7	26-Nov-01	10:30 AM	4.00	9.0						
3-Dec-01	37.8	7	74.9	7	3-Dec-01	10:30 AM	4.00	7.5						
10-Dec-01	73.4	7	76.7	7	10-Dec-01	11:15 AM	4.00	7.0						
17-Dec-01	24.1	7	91.9	7	17-Dec-01	10:30 AM	4.25	6.5						
24-Dec-01	6.6	7	80.4	7	24-Dec-01	12:00 PM	5.00	5.5						
31-Dec-01	30.2	7	75.4	7	31-Dec-01	3:15 PM	5.00	5.0						
7-Jan-02	48.3	7	82.3	7	7-Jan-02	10:30 AM	4.00	6.5						
14-Jan-02	12.2	7	75.6	7	14-Jan-02	10:15 AM	4.00	6.0						
21-Jan-02	55.4	7	76.1	7	21-Jan-02	1:30 PM	3.25	5.5						
28-Jan-02	17.0	7	77.0	7	28-Jan-02	11:00 AM	3.50	5.0						
4-Feb-02	33.8	7	75.1	7	4-Feb-02	11:30 AM	3.50	5.0						
11-Feb-02	3.3	7	72.3	7	11-Feb-02	10:45 AM	3.00	5.0						
18-Feb-02	61.7	7	72.9	7	18-Feb-02	11:00 AM	3.00	6.0						
25-Feb-02	0.5	7	72.7	7	25-Feb-02	12:00 PM	3.00	7.0						
4-Mar-02	2.3	7	68.3	7	4-Mar-02	10:00 AM	2.75	7.5						
11-Mar-02	60.5	7	71.3	7	13-Mar-02	10:00 AM	2.50	7.0						
18-Mar-02	35.1	7	73.9	7	20-Mar-02	10:00 AM	2.50	6.5						
25-Mar-02	1.8	7	70.0	7	25-Mar-02	10:30 AM	2.50	9.0						
1-Apr-02	1.5	7	66.1	7	1-Apr-02	11:30 AM	2.75	10.0						
8-Apr-02	44.5	6	66.3	6	8-Apr-02	11:00 AM	4.00	11.5						
15-Apr-02	38.9	5	70.2	5	18-Apr-02	6:00 PM	5.50	12.5						
22-Apr-02	14.5	7	66.9	7	22-Apr-02	11:00 AM	4.50	11.0						
29-Apr-02	1.5	7	64.4	7	29-Apr-02	10:30 AM	6.00	14.0						
6-May-02	9.4	7	61.7	7	6-May-02	10:30 AM	4.50	12.0						
13-May-02	15.2	7	60.0	7										
20-May-02	8.9	7	58.8	7	20-May-02	4:00 PM	6.00	17.0						
27-May-02	11.4	7	57.6	7	26-May-02	11:00 AM	5.00	18.0						
3-Jun-02	4.6	7	56.3	7	3-Jun-02	11:00 AM	5.00	19.5						
10-Jun-02	0.3	7	53.6	7	12-Jun-02	10:00 AM	4.50	20.5						
17-Jun-02	7.1	7	51.0	7	17-Jun-02	11:30 AM	3.75	20.5						
24-Jun-02	23.6	7	48.5	6	25-Jun-02	11:00 AM	4.50	24.0						
1-Jul-02	0.3	7	47.6	7	1-Jul-02	11:00 AM	3.25	21.0	NA	P3	F2,S2	NP	12	
8-Jul-02	17.4	7	46.1	7	8-Jul-02	12:30 PM	3.00	20.5	NA	P3	F2,S2	NP	8	
15-Jul-02	0.0	7	42.7	7	15-Jul-02	4:45 PM	3.25	23.5	NA	C2	F2,S1	NP	8	
22-Jul-02	1.3	7	39.9	7	21-Jul-02	5:00 PM	3.75	25.0	NA	C1	F1,S1	NP	0	
29-Jul-02	1.0	7	36.3	7	29-Jul-02	11:00 AM	3.50	22.0	NA	P2	F1,S1	NP	6	
5-Aug-02	2.3	7	33.4	7	5-Aug-02	12:15 PM	3.75	22.0	NA	P1	F1,S0	NP	0	
12-Aug-02	0.0	7	30.1	7	12-Aug-02	11:00 AM	4.50	22.5	NA	P1	F2,S0	NP	0	
19-Aug-02	0.0	7	26.7	7	19-Aug-02	6:00 PM	3.25	24.0	NA	P1	F1,S1	NP	0	
26-Aug-02	0.0	7	23.7	7	26-Aug-02	2:30 PM	4.00	23.0	NA	P1	F2,S1	NP	0	
2-Sep-02	2.3	7	21.1	7	2-Sep-02	11:30 AM	3.25	23.0	NA	C1	F2,S0	NP	0	
9-Sep-02	0.5	7	18.9	7	9-Sep-02	10:00 AM	3.50	20.0	NA	P1	F1,S0	NP	0	
16-Sep-02	7.6	7	16.7	7	16-Sep-02	10:30 AM	3.75	21.0	NA	P1	F1,S0	NP	0	
23-Sep-02	3.3	8	15.1	8	23-Sep-02	11:00 AM	4.00	18.5	NA	C1	F1,S0	NP	0	
					30-Sep-02	9:00 AM	3.50	19.5	NA	P1	F1,S0	NP	0	
Min	0.0		15.1		Min		2.50	5.0						
Max	135.1		91.9		Max		6.00	25.0						
Total	1103.3													

**Morton**

Daily Data Summary					Weekly Data Summary									
	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
Week of														
1-Oct-01														
8-Oct-01														
15-Oct-01														
22-Oct-01														
29-Oct-01														
5-Nov-01														
12-Nov-01														
19-Nov-01														
26-Nov-01														
3-Dec-01														
10-Dec-01														
17-Dec-01														
24-Dec-01														
31-Dec-01														
7-Jan-02														
14-Jan-02														
21-Jan-02														
28-Jan-02														
4-Feb-02														
11-Feb-02														
18-Feb-02														
25-Feb-02														
4-Mar-02														
11-Mar-02														
18-Mar-02														
25-Mar-02														
1-Apr-02														
8-Apr-02														
15-Apr-02														
22-Apr-02														
29-Apr-02														
6-May-02														
13-May-02														
20-May-02														
27-May-02														
3-Jun-02														
10-Jun-02														
17-Jun-02														
24-Jun-02														
1-Jul-02														
8-Jul-02														
15-Jul-02														
22-Jul-02														
29-Jul-02														
5-Aug-02														
12-Aug-02														
19-Aug-02														
26-Aug-02														
2-Sep-02														
9-Sep-02	1.0	1		37.0	2									
16-Sep-02	0.0	7	35.4	7										
23-Sep-02	0.2	7	33.4	7										
30-Sep-02	6.0	7	31.0	7	27-Sep-02	4:00 PM	3.75	18.5	P1	P1	S1	NP	0	
Min	0.0		31.0			Min	3.75	18.5						
Max	6.0		37.0			Max	3.75	18.5						
Total	7.2													

## Appendix A - Level I Data

### Neilson

Daily Data Summary					Weekly Data Summary									
	Sum		Avg lk											
Week of	precip. (mm)	# of days	level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.0	7	45.3	7										
8-Oct-01	21.0	7	45.6	7	7-Oct-01	12:45 PM	2.75	15.0						
15-Oct-01	8.0	7	45.0	7	14-Oct-01	3:30 PM	2.75	13.5						
22-Oct-01	39.0	7	47.1	7	21-Oct-01	3:45 PM	2.75	12.0						
29-Oct-01	26.0	7	48.9	7	28-Oct-01	2:00 PM	2.75	11.5						
5-Nov-01	21.0	7	51.1	7										
12-Nov-01	127.0	7	68.7	7	11-Nov-01	4:00 PM	2.50	9.0						
19-Nov-01	52.0	7	82.3	7	18-Nov-01	5:30 PM	2.50	8.0						
26-Nov-01	57.0	7	84.6	7	25-Nov-01	1:45 PM	2.50	7.5						
3-Dec-01	22.0	7	80.9	7	2-Dec-01	2:30 PM	2.50	7.0						
10-Dec-01	93.0	7	83.7	7	9-Dec-01	1:35 PM	2.50	6.0						
17-Dec-01	7.0	7	83.3	7	16-Dec-01	2:45 PM	2.50	6.0						
24-Dec-01	5.0	7	78.6	7	23-Dec-01	3:30 PM	2.25	5.5						
31-Dec-01	28.0	7	77.9	7	30-Dec-01	1:45 PM	2.50	4.0						
7-Jan-02	40.0	7	80.0	2	6-Jan-02	3:15 PM	2.75	4.5						
14-Jan-02	32.0	7	78.0	1	13-Jan-02	12:45 PM	2.50	4.5						
21-Jan-02	53.0	3	80.8	5	20-Jan-02	3:00 PM	2.50	4.0						
28-Jan-02	13.0	6	80.3	7	27-Jan-02	2:30 PM	2.50	4.0						
4-Feb-02	32.0	7	80.0	7	3-Feb-02	3:30 PM	2.50	4.5						
11-Feb-02	4.0	7	79.1	7	10-Feb-02	3:30 PM	2.50	4.5						
18-Feb-02	55.0	7	79.3	7	17-Feb-02	1:55 PM	2.50	5.0						
25-Feb-02	0.0	7	78.7	7	24-Feb-02	1:30 PM	2.50	6.0						
4-Mar-02	0.0	7	76.4	7	3-Mar-02	3:15 PM	2.00	5.5						
11-Mar-02	55.0	7	79.4	7	10-Mar-02	1:30 PM	2.25	5.5						
18-Mar-02	52.0	7	81.4	7	17-Mar-02	4:00 PM	2.25	5.5						
25-Mar-02	3.0	7	78.3	7	24-Mar-02	5:15 PM	2.50	7.5						
1-Apr-02	3.0	7	76.6	7	31-Mar-02	5:30 PM	2.50	9.5						
8-Apr-02	92.0	6	80.6	7	7-Apr-02	12:45 PM	2.50	10.5						
15-Apr-02	3.0	7	81.4	7	14-Apr-02	3:00 PM	2.75	11.5						
22-Apr-02	13.0	7	77.1	7	21-Apr-02	2:15 PM	2.75	10.5						
29-Apr-02	5.0	7	75.3	7	28-Apr-02	4:00 PM	3.25	15.0						
6-May-02	5.0	7	74.3	7	5-May-02	2:00 PM	3.25	12.5						
13-May-02	12.1	7	73.0	7	12-May-02	3:15 PM	3.00	14.0						
20-May-02	9.0	6	72.1	7	19-May-02	1:00 PM	3.00	16.0						
27-May-02	16.0	7	72.3	7	26-May-02	12:00 PM	3.00	18.0						
3-Jun-02	12.0	7	70.6	7	2-Jun-02	3:15 PM	3.00	19.0						
10-Jun-02	0.0	7	67.7	7	9-Jun-02	2:00 PM	3.00	17.5						
17-Jun-02	0.0	7	64.4	7	16-Jun-02	1:45 PM	3.00	22.0						
24-Jun-02	26.1	7	63.0	7	23-Jun-02	4:10 PM	3.00	22.0						
1-Jul-02	0.1	7	61.0	7	30-Jun-02	2:00 PM	2.50	21.5	C2-P2	C1-P1	F2- S2	NP	0	
8-Jul-02	10.0	7	58.7	7	7-Jul-02	2:30 PM	2.50	20.5	C2-P2	C1-P1	F2- S2	NP	0	
15-Jul-02	0.0	7	55.3	7	15-Jul-02	4:00 PM	2.25	24.0	C2-P2	C1-P1	F2- S2	NP	0	
22-Jul-02	0.1	6	51.6	7	21-Jul-02	5:00 PM	2.25	23.0	C2-P2	C1-P1	F2- S2	NP	0	
29-Jul-02	0.0	4	48.3	7	28-Jul-02	3:15 PM	2.00	21.5	C2-P2	C1-P1	F2- S2	NP	0	
5-Aug-02	0.0	7	45.0	7	4-Aug-02	4:35 PM	2.00	20.0	C2-P2	C1-P1	F3-S2	NP	0	
12-Aug-02	0.0	7	41.1	7	11-Aug-02	3:00 PM	2.50	22.5	C2-P2	C1-P1	F3-S2	NP	0	
19-Aug-02	2.0	7	37.4	7	18-Aug-02	1:40 PM	2.25	22.0						
26-Aug-02	2.0	7	35.1	7	26-Aug-02	5:45 PM	2.75	22.5	C2-P2	C1-P1	F3-S2	NP	0	
2-Sep-02	6.0	7	32.4	7	1-Sep-02	4:45 PM	2.50	19.5	C2-P2	C1-P1		NP	20	
9-Sep-02	0.0	7	29.6	7	8-Sep-02	3:30 PM	2.75	18.0	C2-P2	C1-P1		NP	10	
16-Sep-02	0.0	7	27.7	7	15-Sep-02	2:45 PM	2.75	18.0	C2-P1	C1-P1		NP	0	
23-Sep-02	10.0	8	25.8	8	22-Sep-02	4:00 PM	3.00	18.5	C2-P1	C1-P1		NP	0	
					29-Sep-02	3:30 PM	3.00	18.0	C2-P1	C1-P1		NP	0	
Min	0.0		25.8		Min		2.00	4.0						
Max	127.0		84.6		Max		3.25	24.0						
Total	1071.2													



## North

Daily Data Summary					Weekly Data Summary									
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.0	7	26.0	7										
8-Oct-01	17.0	7	26.0	7	7-Oct-01	11:20 AM	3.50							
15-Oct-01	13.0	7	26.0	7	14-Oct-01	11:00 AM	3.50							
22-Oct-01	33.0	7	26.9	7	21-Oct-01	2:00 PM	3.50	11.0						
29-Oct-01	16.5	7	29.7	7	28-Oct-01	10:00 AM	2.75	9.5						
5-Nov-01	6.1	7	30.0	6	4-Nov-01	12:40 PM	1.75	8.5						
12-Nov-01	124.0	7	44.5	6	11-Nov-01	11:40 AM	1.75	8.0						
19-Nov-01	56.0	7	64.2	6	18-Nov-01	2:10 PM	2.00	8.0						
26-Nov-01	53.6	6	72.2	3	25-Nov-01	1:05 PM	2.25	7.0						
3-Dec-01	31.0	4	88.7	3	1-Dec-01	2:40 PM	2.00	6.0						
10-Dec-01	82.0	6	92.1	5										
17-Dec-01	28.0	7	95.1	7	16-Dec-01	11:30 AM	1.25	5.0						
24-Dec-01	10.0	7	83.2	7	23-Dec-01	2:00 PM	2.00	5.0						
31-Dec-01	32.0	7	76.5	5	29-Dec-01	11:30 AM	2.00	4.0						
7-Jan-02	46.5	7	81.4	7	6-Jan-02	4:00 PM	1.75	4.0						
14-Jan-02	21.5	7	76.8	6	13-Jan-02	1:30 PM	1.75	5.0						
21-Jan-02	58.1	7	80.0	7	20-Jan-02	3:30 PM	1.75	4.0						
28-Jan-02	25.5	7	82.0	7	27-Jan-02	2:00 PM	1.75	4.0						
4-Feb-02	35.1	6	79.2	6	3-Feb-02	12:00 PM	1.75	3.0						
11-Feb-02	0.5	7	75.1	7	10-Feb-02	1:15 PM	2.00	4.0						
18-Feb-02	61.0	6	76.2	6	17-Feb-02	1:45 PM	2.00	4.5						
25-Feb-02	0.0	7	76.6	7	24-Feb-02	5:00 PM	1.75	5.0						
4-Mar-02	28.0	7	69.6	7	3-Mar-02	12:15 PM	2.00	6.0						
11-Mar-02	36.0	7	71.5	7	10-Mar-02	12:45 PM	1.75	6.0						
18-Mar-02	32.0	7	75.6	7	17-Mar-02	12:30 PM	2.00	5.0						
25-Mar-02	0.0	7	72.6	7	24-Mar-02	5:00 PM	0.75	8.0						
1-Apr-02	0.0	7	88.0	2										
8-Apr-02	69.0	7	66.7	6	8-Apr-02	5:50 PM	0.75	11.8						
15-Apr-02	2.1	7	74.3	7	14-Apr-02	2:00 PM	1.00	11.0						
22-Apr-02	10.1	7	69.3	7	21-Apr-02	2:45 PM	1.00	11.0						
29-Apr-02	0.0	5	66.3	6	28-Apr-02	1:20 PM	0.75	12.0						
6-May-02	0.1	7	62.3	7	5-May-02	2:30 PM	1.00	13.0						
13-May-02	4.0	7	59.4	7	12-May-02	2:15 PM	1.25	16.0						
20-May-02	7.0	7	57.9	7	19-May-02	2:15 PM	2.25	16.5						
27-May-02	11.0	7	56.7	7	26-May-02	2:00 PM	1.75	18.0						
3-Jun-02	4.5	7	54.6	7	2-Jun-02	7:45 PM	2.25	22.0						
10-Jun-02	0.0	7	51.7	7										
17-Jun-02	5.0	7	49.1	7	16-Jun-02	8:15 PM	2.75	24.0						
24-Jun-02	26.0	7	46.8	6	23-Jun-02	9:00 PM	2.75	23.0						
1-Jul-02	12.0	7	45.0	7	1-Jul-02	7:15 AM	3.00	22.0	P2	P2	F1-S2	NP	13	
8-Jul-02	9.0	7	44.7	7	8-Jul-02	8:20 PM	2.00	21.0	P2	P2	F1-S2	NP	48	
15-Jul-02	0.0	7	40.1	7	14-Jul-02	8:05 PM	4.00	23.1	P3	P2	F1-S2	NP	5	
22-Jul-02	0.0	7	36.6	7	21-Jul-02	2:00 PM	4.50	24.1	P2	NA	F1	NP	18	
29-Jul-02	0.0	7	34.2	7	22-Jul-02	4:00 PM	6.00	22.0	C2	P3	F2	NP	0	
5-Aug-02	0.0	7	31.1	7	4-Aug-02	3:30 PM	2.50	22.0	NA	NA	F1-S1	NP	0	
12-Aug-02	0.0	7	27.6	7	11-Aug-02	5:00 PM	2.75	25.0	NA	NA	F2	NP	5	
19-Aug-02	0.0	7	23.9	7	14-Aug-02	5:00 PM	3.00	25.0	C2	P1	F2	NP	3	
26-Aug-02	0.0	7	21.0	7	25-Aug-02	12:15 PM	2.75	22.0	NA	NA	F2	NP	0	
2-Sep-02	9.6	7	18.8	7	1-Sep-02	12:30 PM	3.00	21.5	NA	NA	F2	NP	0	
9-Sep-02	0.0	7	16.5	7	8-Sep-02	12:15 PM	2.25	20.0	NA	NA	S2	NP	15	
16-Sep-02	5.0	7	15.0	6	15-Sep-02	12:55 PM	2.75	20.0	NA	NA	S2	NP	0	
23-Sep-02	4.0	8	12.7	6	22-Sep-02	1:20 PM	3.25	17.8	NA	NA	S2	NP	8	
					29-Sep-02	11:30 AM	3.25	17.0	NA	NA	S2	NP	7	
Min	0.0		12.7		Min		0.75	3.0						
Max	124.0		95.1		Max		6.00	25.0						
Total	1024.5													

## Appendix A - Level I Data

### Paradise

Daily Data Summary					Weekly Data Summary								
	Sum		Avg lk										
Week of	precip. (mm)	# of days	level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count
1-Oct-01			28.2	3									
8-Oct-01	44.0	3	31.7	7									
15-Oct-01	32.1	5	35.0	7									
22-Oct-01	72.0	3	43.9	7									
29-Oct-01	27.0	2	41.8	7									
5-Nov-01	4.0	1	36.1	7									
12-Nov-01	104.0	4	60.5	7									
19-Nov-01	99.0	6	72.7	4									
26-Nov-01	88.0	5	71.3	5									
3-Dec-01	35.0	4	65.9	7									
10-Dec-01	79.0	5	65.4	7									
17-Dec-01	40.0	1	64.9	7									
24-Dec-01	8.0	1	52.0	7									
31-Dec-01	26.0	3	44.7	3	1-Jan-02	1:45 PM	3.25	4.0					
7-Jan-02	60.0	2	46.0	2									
14-Jan-02	23.0	2											
21-Jan-02	35.0	1											
28-Jan-02													
4-Feb-02	<b>106.0</b>	3	58.0	1									
11-Feb-02													
18-Feb-02	71.0	3	55.0	2									
25-Feb-02			51.0	1									
4-Mar-02			33.0	1									
11-Mar-02	46.0	1											
18-Mar-02	26.0	1	41.5	1									
25-Mar-02													
1-Apr-02	<b>42.0</b>	3	34.0	3	3-Apr-02	1:00 PM	2.75	8.0					
8-Apr-02	52.0	2	44.8	2	9-Apr-02	2:00 PM	2.25	10.0					
15-Apr-02	21.5	2	43.3	2	16-Apr-02	5:00 PM	2.50	9.0					
22-Apr-02	17.0	1			22-Apr-02	2:45 PM	2.00	9.0					
29-Apr-02	21.0	2	25.6	5	29-Apr-02	11:00 AM	2.00	11.0					
6-May-02	8.0	1	28.8	4									
13-May-02	22.0	2											
20-May-02	16.5	2	25.5	2									
27-May-02	14.0	1	25.3	2									
3-Jun-02	20.0	1	21.8	2									
10-Jun-02			26.3	6									
17-Jun-02	14.0	1	32.5	3									
24-Jun-02	22.0	1	34.7	3									
1-Jul-02	5.0	7	33.7	7									
8-Jul-02	0.0	7	34.0	7									
15-Jul-02	4.0	7	34.9	7									
22-Jul-02	0.0	7	35.0	7									
29-Jul-02	8.0	3	35.7	3									
5-Aug-02													
12-Aug-02													
19-Aug-02													
26-Aug-02													
2-Sep-02													
9-Sep-02													
16-Sep-02													
23-Sep-02													
Min	0.0		21.8			Min	2.00	4.0					
Max	106.0		72.7			Max	3.25	11.0					
Total	1312.1												
Numbers in bold are anomalously high compared to other lakes in the region.													

Numbers in bold are anomalously high compared to other lakes in the region.

**Pine**

Daily Data Summary					Weekly Data Summary													
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count					
1-Oct-01	0.0	7	39.7	7	2-Oct-01	5:15 PM	4.75	18.0										
8-Oct-01	38.1	7	39.7	7	7-Oct-01	12:30 PM	4.75	15.0										
15-Oct-01	29.2	7	41.4	6	14-Oct-01	12:00 PM	5.75	14.0										
22-Oct-01	66.0	7	44.0	7	21-Oct-01	12:30 PM	5.75	12.5										
29-Oct-01	28.1	7	49.4	7	28-Oct-01	12:15 PM	5.75	11.0										
5-Nov-01	13.1	7	50.2	7														
12-Nov-01	122.1	7	62.3	6	10-Nov-01	11:45 AM	5.00	10.5										
19-Nov-01	80.0	7	84.9	6	25-Nov-01	12:15 PM	4.75	9.0										
26-Nov-01	71.0	7	90.9	5														
3-Dec-01	39.0	7	91.4	7	2-Dec-01	12:00 PM	4.75	8.0										
10-Dec-01	90.0	7	90.8	7														
17-Dec-01	46.0	7	90.4	4	20-Dec-01	1:30 PM	5.00	6.0										
24-Dec-01	3.0	7	86.6	7	26-Dec-01	12:30 PM	5.00	5.0										
31-Dec-01	19.1	7	87.3	5														
7-Jan-02	67.0	7	91.5	7	6-Jan-02	12:00 PM	5.00	5.0										
14-Jan-02	31.0	7	90.2	6	13-Jan-02	12:30 PM	5.25	6.0										
21-Jan-02	49.1	7	90.2	6														
28-Jan-02	24.1	7	88.7	7	27-Jan-02	1:00 PM	5.00	5.0										
4-Feb-02	46.0	7	88.5	7														
11-Feb-02	5.1	7	88.3	7	10-Feb-02	12:30 PM	5.00	5.0										
18-Feb-02	90.0	7	90.7	7	17-Feb-02	12:30 PM	4.25	5.0										
25-Feb-02	4.0	7	90.1	7	21-Feb-02	12:45 PM	4.00	6.0										
4-Mar-02	18.1	7	86.3	6	3-Mar-02	2:00 PM	3.00	6.5										
11-Mar-02	47.6	7	89.6	4														
18-Mar-02	24.0	7	87.6	6	17-Mar-02	12:00 PM	2.00	6.5										
25-Mar-02	12.1	7	85.1	7	30-Mar-02	1:00 PM	3.00	6.0										
1-Apr-02	4.1	7	84.1	7	7-Apr-02	12:00 PM	3.50	10.0										
8-Apr-02	76.1	7	86.1	6														
15-Apr-02	10.1	7	91.5	7														
22-Apr-02	19.0	7	89.8	6	21-Apr-02	2:00 PM	4.75	10.5										
29-Apr-02	2.0	7	90.0	7														
6-May-02	7.0	7	87.8	7	5-May-02	5:00 PM	5.50	11.5										
13-May-02	10.1	7	85.7	7														
20-May-02	13.0	7	84.5	7	19-May-02	3:00 PM	6.00	15.5										
27-May-02	18.0	7	83.9	7														
3-Jun-02		7	81.9	7	2-Jun-02	2:00 PM	5.50	19.0										
10-Jun-02	0.0	7	79.8	7	9-Jun-02	3:30 PM	5.75	19.0										
17-Jun-02	9.0	7	76.5	7	17-Jun-02	9:30 AM	5.50	20.0										
24-Jun-02	27.1	7	74.1	7														
1-Jul-02	5.1	7	72.1	7	1-Jul-02	4:30 PM	6.25	21.0	NA	NA	S2-F1	NP	0					
8-Jul-02	16.0	7	70.5	7														
15-Jul-02	0.0	7	66.9	7	15-Jul-02	10:30 AM	6.00	22.0						NA	NA	F1	NP	0
22-Jul-02	0.0	7	62.3	7	23-Jul-02	11:00 AM	5.00	25.0						NA	NA	F1	NP	0
29-Jul-02	6.0	7	58.5	7	28-Jul-02	3:15 PM	5.25	23.0						NA	NA	F1	NP	0
5-Aug-02	0.1	7	54.7	7	7-Aug-02	12:15 PM	5.00	21.0						NA	NA	F2	NP	0
12-Aug-02	0.0	7	50.5	7	11-Aug-02	2:15 PM	4.75	23.0						NA	NA	F2	NP	0
19-Aug-02	0.1	7	46.5	7														
26-Aug-02	0.0	7	43.0	7	25-Aug-02	3:30 PM	5.00	22.0						NA	NA	F2	NP	0
2-Sep-02	11.0	7	40.4	7	3-Sep-02	10:45 AM	4.25	21.0						NA	NA	F1	NP	0
9-Sep-02	0.0	7	37.5	7	8-Sep-02	4:30 PM	4.00	19.5						NA	NA	F1	NP	0
16-Sep-02	9.1	7	35.1	6	15-Sep-02	3:00 PM	4.00	20.0						NA	NA	F1	NP	0
23-Sep-02	16.0	7	32.1	7	22-Sep-02	2:30 PM	4.00	19.0						P2	P1	F1	NP	0
					29-Sep-02	2:30 PM	4.25	18.0	P1	NA	F1	NP	14					
Min	0.0		32.1		Min		2.00	5.0										
Max	122.1		91.5		Max		6.25	25.0										
Total	1321.0																	

## Appendix A - Level I Data

### Pipe

Daily Data Summary					Weekly Data Summary								
	Sum		Avg lk										
Week of	precip. (mm)	# of days	level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count
1-Oct-01	0.0	7	31.7	7									
8-Oct-01	16.1	7	31.9	7									
15-Oct-01	12.1	7	33.1	7									
22-Oct-01	41.0	7	36.9	7									
29-Oct-01	27.1	7	42.1	7									
5-Nov-01	12.1	7	43.9	7									
12-Nov-01	138.1	7	63.3	7									
19-Nov-01	51.1	7	72.0	7									
26-Nov-01	54.0	7	71.0	7									
3-Dec-01	36.1	7	72.1	7									
10-Dec-01	65.0	7	76.0	7									
17-Dec-01	25.1	7	78.3	7									
24-Dec-01	4.1	7	65.0	7									
31-Dec-01	20.1	7	60.4	7									
7-Jan-02	54.1	7	67.4	7									
14-Jan-02	25.1	7	63.0	7									
21-Jan-02	62.0	7	68.3	7									
28-Jan-02	32.1	7	71.7	7									
4-Feb-02	32.1	7	67.9	7									
11-Feb-02	2.0	7	63.6	7									
18-Feb-02	66.0	7	65.3	7									
25-Feb-02	0.0	7	67.4	7									
4-Mar-02	6.1	7	60.3	7									
11-Mar-02	57.0	7	63.4	7									
18-Mar-02	43.1	7	69.3	7									
25-Mar-02	2.2	7	63.9	7									
1-Apr-02	4.1	7	57.7	7									
8-Apr-02	96.0	7	61.3	7									
15-Apr-02	15.1	7	72.4	7									
22-Apr-02	19.1	7	63.6	7									
29-Apr-02	2.0	7	58.1	7									
6-May-02	18.0	7	54.9	7									
13-May-02	8.1	7	52.9	7									
20-May-02	10.0	7	51.1	7									
27-May-02	18.0	7	49.1	7									
3-Jun-02	15.1	7	47.4	7									
10-Jun-02	0.0	7	44.9	7									
17-Jun-02	8.0	7	43.0	7									
24-Jun-02	30.1	7	41.9	7									
1-Jul-02	2.0	7	42.0	7									
8-Jul-02	13.0	7	41.1	7									
15-Jul-02	0.0	7	38.3	7									
22-Jul-02	0.1	7	36.0	7									
29-Jul-02	0.1	7	34.0	7									
5-Aug-02	1.0	7	31.6	7									
12-Aug-02	0.0	7	29.3	7									
19-Aug-02	5.0	7	27.7	7									
26-Aug-02	2.0	7	26.3	7									
2-Sep-02	8.0	7	25.1	7									
9-Sep-02	0.0	7	23.4	7									
16-Sep-02	5.1	7	22.6	7									
23-Sep-02	8.0	8	20.9	8									
Min	0.0		20.9			Min	0.00	0.0					
Max	138.1		78.3			Max	0.00	0.0					
Total	1170.8												

## Sawyer

Daily Data Summary					Weekly Data Summary								
	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count
Week of													
1-Oct-01	0.0	7	132.7	7									
8-Oct-01	32.0	7	128.6	7									
15-Oct-01	20.0	7	125.6	7									
22-Oct-01	57.0	7	124.6	7									
29-Oct-01	31.0	7	132.1	7									
5-Nov-01	14.0	7	139.9	7									
12-Nov-01	149.0	7	159.0	7									
19-Nov-01	70.0	7	167.4	7									
26-Nov-01	73.0	7	168.3	7									
3-Dec-01	40.0	7	168.1	7									
10-Dec-01	101.0	7	171.0	7									
17-Dec-01	31.0	7	172.6	7									
24-Dec-01	6.0	7	167.0	7									
31-Dec-01	26.0	7	165.6	7									
7-Jan-02	63.1	7	167.9	7									
14-Jan-02	32.1	7	165.9	7									
21-Jan-02	65.0	7	168.0	7									
28-Jan-02	38.1	7	169.7	7									
4-Feb-02	36.0	7	168.4	7									
11-Feb-02	3.1	7	167.0	7									
18-Feb-02	82.0	7	167.9	7									
25-Feb-02	0.0	7	168.7	7									
4-Mar-02	6.1	7	165.7	7									
11-Mar-02	63.0	7	167.4	7									
18-Mar-02	59.0	7	171.3	7									
25-Mar-02	4.0	7	167.9	7									
1-Apr-02	5.0	7	165.6	7									
8-Apr-02	87.0	7	166.4	7									
15-Apr-02	15.1	7	169.7	7									
22-Apr-02	15.1	7	166.1	7									
29-Apr-02	2.0	7	164.6	7									
6-May-02	20.1	7	163.9	7									
13-May-02	16.0	7	163.0	7									
20-May-02	16.1	7	162.6	7									
27-May-02	17.0	7	162.3	7									
3-Jun-02	15.0	7	161.1	7									
10-Jun-02	0.0	7	160.3	7									
17-Jun-02	8.0	7	159.6	7									
24-Jun-02	33.0	7	159.1	7									
1-Jul-02	2.0	7	158.9	7									
8-Jul-02	15.0	7	158.3	7									
15-Jul-02	0.1	7	155.4	7									
22-Jul-02	0.1	7	152.7	7									
29-Jul-02	3.0	7	149.0	7									
5-Aug-02	3.1	7	144.7	7									
12-Aug-02	0.0	7	140.3	7									
19-Aug-02	5.1	7	134.6	7									
26-Aug-02	4.0	7	129.6	7									
2-Sep-02	11.0	7	124.1	7									
9-Sep-02	2.0	7	119.1	7									
16-Sep-02	13.0	7	114.6	7									
23-Sep-02	8.0	8	109.1	8									
Min	0.0		109.1			Min	0.00	0.0					
Max	149.0		172.6			Max	0.00	0.0					
Total	1416.8												

## Appendix A - Level I Data

### Shadow

Daily Data Summary					Weekly Data Summary								
	Sum		Avg lk										
Week of	precip. (mm)	# of days	level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count
1-Oct-01	0.0	7	21.0	7									
8-Oct-01	32.1	7	22.3	7									
15-Oct-01	17.1	7	25.3	7									
22-Oct-01	47.1	7	29.6	7									
29-Oct-01	32.1	7	37.0	7									
5-Nov-01	8.0	7	42.0	7									
12-Nov-01	134.0	7	61.1	7									
19-Nov-01	65.0	7	63.6	7									
26-Nov-01	48.0	7	59.6	7									
3-Dec-01	46.0	7	59.0	7									
10-Dec-01	102.0	7	64.4	7									
17-Dec-01	24.0	3	73.7	3									
24-Dec-01	9.0	1	45.0	1									
31-Dec-01	20.1	7	46.4	7									
7-Jan-02	60.1	7	55.4	7									
14-Jan-02	32.1	7	47.9	7									
21-Jan-02	51.2	7	55.6	7									
28-Jan-02	35.0	7	56.9	7									
4-Feb-02	32.1	7	51.9	7									
11-Feb-02	5.0	7	48.0	7									
18-Feb-02	78.0	7	50.9	7									
25-Feb-02	0.0	7	50.7	7									
4-Mar-02	6.1	7	43.7	7									
11-Mar-02	62.0	7	51.9	7									
18-Mar-02	40.1	7	55.1	7									
25-Mar-02	0.1	7	46.4	7									
1-Apr-02	2.0	5	41.6	5									
8-Apr-02	84.0	2	64.5	2									
15-Apr-02	12.0	7	55.3	7									
22-Apr-02	15.0	7	45.1	7									
29-Apr-02	2.0	7	41.6	7									
6-May-02	0.3	7	38.4	7									
13-May-02	11.0	7	39.4	7									
20-May-02	10.0	4	38.3	4									
27-May-02	16.0	7	38.1	7									
3-Jun-02	17.0	7	36.4	7									
10-Jun-02	0.0	7	34.1	7									
17-Jun-02	5.0	7	30.9	7									
24-Jun-02	27.0	7	30.4	7									
1-Jul-02	0.0	7	32.3	7									
8-Jul-02	14.0	7	30.9	7									
15-Jul-02	0.0	7	28.3	7									
22-Jul-02	0.1	7	25.0	7									
29-Jul-02	0.0	7	23.1	7									
5-Aug-02	2.0	7	21.0	7									
12-Aug-02	0.0	7	18.6	7									
19-Aug-02	0.0	7	16.0	6									
26-Aug-02	0.0	5	14.2	5									
2-Sep-02													
9-Sep-02													
16-Sep-02													
23-Sep-02													
Min	0.0		14.2			Min	0.00	0.0					
Max	134.0		73.7			Max	0.00	0.0					
Total	1203.2												



**Shady**

Daily Data Summary					Weekly Data Summary									
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.1	7	65.2	7	30-Sep-01	3:00 PM	5.50	18.3						
8-Oct-01	30.1	7	65.6	7	7-Oct-01	2:15 PM	6.00	15.5						
15-Oct-01	21.1	7	64.3	7										
22-Oct-01	54.0	7	57.5	7	21-Oct-01	4:20 PM	5.50	12.8						
29-Oct-01	36.1	7	50.9	7	28-Oct-01	3:40 PM	4.00	8.9						
5-Nov-01	14.0	7	53.2	7	4-Nov-01	12:00 PM	3.80	9.0						
12-Nov-01	144.0	7	33.9	7	11-Nov-01	12:00 PM	3.60	9.0						
19-Nov-01	78.0	7	36.0	7	18-Nov-01	4:00 PM	3.50	10.0						
26-Nov-01	94.1	7	37.4	7	25-Nov-01	4:00 PM	3.50	10.0						
3-Dec-01	62.0	7	33.3	7	2-Dec-01	1:00 PM	3.40	9.0						
10-Dec-01	107.0	7	26.7	7	9-Dec-01	4:00 PM	3.20	8.0						
17-Dec-01	12.1	7	27.7	7	16-Dec-01	2:00 PM	3.00	6.0						
24-Dec-01	4.1	7	51.0	7	23-Dec-01	12:00 PM	3.00	6.0						
31-Dec-01	50.0	7	50.6	7	30-Dec-01	4:00 PM	3.20	5.6						
7-Jan-02	59.0	7	37.0	7	6-Jan-02	12:00 PM	3.30	5.6						
14-Jan-02	42.0	6	48.7	7	13-Jan-02	1:00 PM	3.50	5.6						
21-Jan-02	58.0	7	47.0	7	20-Jan-02	12:00 PM	3.30	5.6						
28-Jan-02	57.0	7	43.0	7	27-Jan-02	12:00 PM	3.10	4.0						
4-Feb-02	42.1	7	46.0	7	3-Feb-02	12:00 PM	3.20	4.4						
11-Feb-02	7.0	7	46.0	7	10-Feb-02	12:00 PM	3.10	4.4						
18-Feb-02	78.1	7	41.9	7	17-Feb-02	1:00 PM	3.00	5.6						
25-Feb-02	0.0	7	38.7	7	24-Feb-02	1:50 PM	2.90	6.7						
4-Mar-02	14.1	7	51.4	7	3-Mar-02	12:00 PM	2.90	6.7						
11-Mar-02	56.1	7	51.7	7	10-Mar-02	2:00 PM	3.00	8.0						
18-Mar-02	4.2	7	50.0	7	17-Mar-02	3:00 PM	3.00	8.0						
25-Mar-02	2.1	7	53.3	7	24-Mar-02	1:00 PM	3.20	10.0						
1-Apr-02	2.1	7	58.4	7	31-Mar-02	2:00 PM	3.00	10.5						
8-Apr-02	95.0	7	53.0	7	7-Apr-02	12:30 PM	2.70	11.1						
15-Apr-02	18.2	7	41.5	7	14-Apr-02	12:30 PM	2.90	10.0						
22-Apr-02	15.1	7	56.5	7	21-Apr-02	5:00 PM	3.00	10.0						
29-Apr-02	4.0	7	59.2	5	28-Apr-02	4:00 PM	3.50	11.0						
6-May-02	0.0	7	60.4	7	5-May-02	2:30 PM	4.00	12.2						
13-May-02	12.0	7	62.2	7	12-May-02	3:00 PM	4.20	14.5						
20-May-02	16.0	7	62.1	7	19-May-02	7:00 PM	4.30	16.7						
27-May-02	20.0	7	61.6	7	26-May-02	6:00 PM	4.00							
3-Jun-02	<b>23.0</b>	7	62.1	7	2-Jun-02	7:00 PM	4.00	21.1						
10-Jun-02	0.1	7	61.9	7	9-Jun-02	7:00 PM	4.00	20.0						
17-Jun-02	0.0	7	64.0	7	16-Jun-02	5:50 PM	4.30	22.0						
24-Jun-02	31.1	7	65.0	7	23-Jun-02	5:00 PM	4.20	22.0						
1-Jul-02	3.0	7	63.0	7	30-Jun-02	5:20 PM	4.00	23.0	P1	P1	S2	NP	0	
8-Jul-02	12.1	7	62.6	7	7-Jul-02	5:00 PM	4.00	23.0	P1	P1	S2	NP	0	
15-Jul-02	0.0	7	66.4	7	14-Jul-02	5:30 PM	4.00	24.4	P1	P1	S2	NP	14	
22-Jul-02	2.0	7	68.9	7	21-Jul-02	4:00 PM	4.00	25.0	P1	P1	S2	NP	14	
29-Jul-02	10.0	7	71.4	7	28-Jul-02	5:30 PM	3.80	24.4	P2	P2	S2	NP	14	
5-Aug-02	0.0	7	72.3	7	4-Aug-02	5:50 PM	3.60	23.3	P2	NA	S2	NP	6	
12-Aug-02	0.0	7	74.4	7	11-Aug-02	5:30 PM	3.90	24.4	C1	C1	S2	NP	11	
19-Aug-02	2.0	7	77.5	7	18-Aug-02	6:18 PM	4.00	24.4	C1	C1	S2	NP	6	
26-Aug-02	10.0	7	79.3	7	25-Aug-02	5:50 PM	4.50	22.2	C1	C1	S2	NP	6	
2-Sep-02	2.1	7	80.1	7	2-Sep-02	5:00 PM	4.70	21.0	C1	C1	S2	NP	15	
9-Sep-02	0.0	7	81.1	7	8-Sep-02	4:30 PM	5.20	20.0	NA	NA	S2	NP	1	
16-Sep-02	7.1	7	82.2	7	15-Sep-02	4:00 PM		19.0	NA	NA	S2	NP	4	
23-Sep-02	0.1	8	83.6	8	22-Sep-02	4:00 PM	5.50	18.9	NA	NA			2	
					29-Sep-02	4:00 PM	5.30	17.5	NA	NA			2	
Min	0.0		26.7		Min		2.70	4.0						
Max	144.0		83.6		Max		5.50	25.0						
Total	1410.6													
Number in bold is anomalously low for the region.														

Number in bold is anomalously low for the region.

## Appendix A - Level I Data

### Spring

Daily Data Summary					Weekly Data Summary									
	Sum		Avg lk											
Week of	precip. (mm)	# of days	level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01														
8-Oct-01														
15-Oct-01														
22-Oct-01	51.0	7	44.0	1	21-Oct-01	4:15 PM	3.25	11.0						
29-Oct-01	50.0	5	48.1	5	27-Oct-01	3:30 PM	3.25	9.5						
5-Nov-01	12.0	1	51.1	7										
12-Nov-01	133.1	7	67.2	7	10-Nov-01	3:00 PM	3.80	8.5						
19-Nov-01	65.1	7	73.8	7	18-Nov-01	2:00 PM	2.50	8.0						
26-Nov-01	64.1	7	68.8	7	24-Nov-01	1:00 PM	2.75	7.0						
3-Dec-01	48.0	4	70.5	4										
10-Dec-01	95.1	7	76.1	7	9-Dec-01	2:30 PM	2.70	5.0						
17-Dec-01	23.0	7	76.7	7	16-Dec-01	2:00 PM	2.50	5.0						
24-Dec-01	4.0	7	74.6	7	22-Dec-01	12:30 PM	3.00	4.0						
31-Dec-01	21.0	7	75.7	7	29-Dec-01	1:50 PM	3.10	3.5						
7-Jan-02	66.0	7	80.9	7	5-Jan-02	1:00 PM	2.60	3.5						
14-Jan-02	25.0	7	77.6	7	13-Jan-02	12:45 PM	3.10	4.0						
21-Jan-02	70.0	7	82.1	7	19-Jan-02	1:45 PM	3.00	3.5						
28-Jan-02	34.0	6	81.8	5	26-Jan-02	3:30 PM	2.75	3.0						
4-Feb-02	36.0	7	79.6	7	2-Feb-02	4:00 PM	2.00	3.0						
11-Feb-02	4.0	6	79.6	6	9-Feb-02	2:10 PM	2.00							
18-Feb-02	77.0	7	77.4	7	17-Feb-02	1:00 PM	2.75	6.0						
25-Feb-02	0.0	7	69.9	7	25-Feb-02	2:00 PM	2.75	7.0						
4-Mar-02	11.0	5	66.1	7	3-Mar-02	1:15 PM	2.75	8.0						
11-Mar-02	67.0	7	67.9	7	10-Mar-02	1:00 PM	2.63	6.5						
18-Mar-02	41.0	7	72.8	7	17-Mar-02	3:45 PM	2.88	7.0						
25-Mar-02	3.0	7	75.4	7	24-Mar-02	12:30 PM	2.75	8.0						
1-Apr-02	4.0	7	71.4	7	1-Apr-02	3:00 PM	2.88	9.0						
8-Apr-02	89.0	7	72.4	7	6-Apr-02	4:00 PM	2.68	11.0						
15-Apr-02	14.0	7	71.4	7										
22-Apr-02	14.0	7	55.7	7	21-Apr-02	2:00 PM	2.68							
29-Apr-02	13.0	7	49.4	7	28-Apr-02	4:30 PM	3.25	12.0						
6-May-02	1.1	7	46.0	7	7-May-02	3:00 PM	2.50	10.5						
13-May-02	10.0	7	42.3	7	15-May-02	10:30 AM	3.00	13.5						
20-May-02	15.0	7	39.6	7	19-May-02	2:00 PM	2.75	16.0						
27-May-02	19.0	7	37.4	7	25-May-02	3:00 PM	2.75	17.5						
3-Jun-02	18.0	7	37.9	7	5-Jun-02	3:00 PM	3.25	19.5						
10-Jun-02	0.0	7	35.9	7	14-Jun-02	7:00 PM	2.63	24.5						
17-Jun-02	9.0	7	35.3	7										
24-Jun-02	26.0	7	34.6	7	21-Jun-02	3:30 PM	3.00	23.0						
1-Jul-02	3.0	7	34.8	7	1-Jul-02	5:00 PM	2.88	21.0						
8-Jul-02	12.0	7	34.0	7										
15-Jul-02	0.0	7	31.4	7	13-Jul-02	9:30 AM	2.75	23.5						
22-Jul-02	0.0	7	28.9	7										
29-Jul-02	2.0	7	27.8	7	28-Jul-02	10:30 AM	3.25	21.5	NA	NA				
5-Aug-02	6.0	7	26.3	7	4-Aug-02	12:00 PM	3.75	20.5	NA	NA				
12-Aug-02	0.0	7	24.4	7	11-Aug-02	1:00 PM	3.68	21.0	NA	NA				
19-Aug-02	5.0	7	22.6	7	17-Aug-02	11:00 AM	4.25	22.5	NA	NA				
26-Aug-02	9.0	3	21.5	3	23-Aug-02	6:00 PM	3.88	22.0	NA	NA				
2-Sep-02														
9-Sep-02	0.0	5	18.7	5										
16-Sep-02	9.0	7	17.8	7										
23-Sep-02	5.0	8	16.2	8	22-Sep-02	12:00 PM	4.25	17.5	NA	NA				
29-Sep-02					30-Sep-02	4:30 PM	4.13	16.0	NA	NA				
Min	0.0		16.2		Min		2.00	3.0						
Max	133.1		82.1		Max		4.25	24.5						
Total	1283.3													

## Steel

Daily Data Summary					Weekly Data Summary									
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	2.0	7	39.0	1	1-Oct-01	1:45 PM	3.50	17.0						
8-Oct-01	22.1	7	38.0	1	8-Oct-01	2:00 PM	4.00	15.5						
15-Oct-01	12.0	7	39.5	1	15-Oct-01	2:00 PM	4.00	12.5						
22-Oct-01	38.0	7	40.0	1	22-Oct-01	3:00 PM	3.75	11.0						
29-Oct-01	27.0	7	45.0	3	29-Oct-01	1:00 PM	3.50	17.0						
5-Nov-01	15.0	7	49.0	2										
12-Nov-01	145.0	7	67.6	5	12-Nov-01	10:00 AM	4.00	9.5						
19-Nov-01	67.0	7	78.0	2	18-Nov-01	3:00 PM	3.75	9.5						
26-Nov-01	76.0	7	82.7	3	26-Nov-01	1:00 PM	4.25	8.5						
3-Dec-01	42.0	7	84.5	2	3-Dec-01	2:00 PM		7.0						
10-Dec-01	95.5	7	83.0	2	10-Dec-01	12:45 PM	4.25	6.0						
17-Dec-01	11.0	7	81.0	2	17-Dec-01	2:45 PM	4.00	6.0						
24-Dec-01	8.0	7	78.0	4	25-Dec-01	12:00 PM	4.25	4.5						
31-Dec-01	72.5	7	85.5	2	30-Dec-01	12:30 PM	4.75	4.5						
7-Jan-02	18.1	7	82.7	3	7-Jan-02	2:30 PM	4.75	5.5						
14-Jan-02	25.1	7	79.0	1	13-Jan-02	12:30 PM	4.75	6.0						
21-Jan-02	66.1	7	85.5	2	20-Jan-02	1:00 PM	5.00	5.0						
28-Jan-02	25.0	6	80.5	2	27-Jan-02	12:00 PM	4.50	4.5						
4-Feb-02	39.0	6	80.3	3	4-Feb-02	12:00 PM	3.75	4.5						
11-Feb-02	0.0	4	80.0	1	11-Feb-02	12:30 PM	3.50	5.0						
18-Feb-02														
25-Feb-02	0.0	7	78.7	3	25-Feb-02	12:30 PM	3.00	6.5						
4-Mar-02	29.0	7	76.0	1	4-Mar-02	12:15 PM	3.75	7.0						
11-Mar-02	42.0	7	79.0	3	11-Mar-02	12:00 PM	4.00	6.5						
18-Mar-02	38.0	7	82.0	2	17-Mar-02	12:45 PM	4.00	6.5						
25-Mar-02	2.0	7	76.5	2	25-Mar-02	2:45 AM	3.00	8.0						
1-Apr-02	1.0	7	73.5	2										
8-Apr-02	85.0	7	76.8	4	8-Apr-02	2:30 PM	4.25	10.5						
15-Apr-02	8.0	7	82.0	1	15-Apr-02	2:45 PM	3.75	10.5						
22-Apr-02	12.0	7	75.0	2	23-Apr-02	12:00 PM	4.50	11.0						
29-Apr-02	3.0	7	71.7	7	29-Apr-02	12:00 PM	5.25	13.0						
6-May-02	4.0	7	69.4	7	6-May-02	2:00 PM	5.50	12.5						
13-May-02	18.0	7	67.6	7	12-May-02	12:30 PM	5.50	15.0						
20-May-02	0.0	7	66.0	7	20-May-02	1:30 PM	5.50	16.0						
27-May-02	10.0	7	63.9	7	27-May-02	12:00 PM	5.50	18.5						
3-Jun-02	3.1	7	61.6	7	3-Jun-02	3:00 PM	5.50	20.0						
10-Jun-02	0.0	7	57.9	7	10-Jun-02	1:00 PM	5.00	19.0						
17-Jun-02	7.0	7	55.0	7	17-Jun-02	2:00 PM	5.00	20.0						
24-Jun-02	28.0	7	53.6	7	24-Jun-02	1:00 PM	4.25	22.0						
1-Jul-02	12.0	7	53.0	6	30-Jun-02	12:00 PM	4.50	22.0		P1	F2-S2	NP	0	
8-Jul-02	0.0	7	51.4	7										
15-Jul-02	0.0	7	47.5	4	15-Jul-02	12:00 PM	3.50	22.0	P2	P3	S2	NP	0	
22-Jul-02	2.1	7	43.6	6	22-Jul-02	1:15 PM	3.25	24.0	NA	P3	F1-S1	P2	0	
29-Jul-02	2.0	7	40.5	4	28-Jul-02	12:00 PM	4.00	22.5	P2	C1-P2	F1-S1	NP	0	
5-Aug-02	0.0	7	37.3	5	5-Aug-02	3:30 PM	3.50	21.5	C1-P2	C2-P1	S1-F1	NP	0	
12-Aug-02	0.0	7	34.5	4	12-Aug-02	1:00 PM	3.75	22.0	C1-P2	C2-P1	S1-F1	F1	0	
19-Aug-02	0.1	7	31.0	3	18-Aug-02	3:15 PM	3.75	23.0	C1-P2	C2-P1	S1-F1	F1	0	
26-Aug-02	0.0	7	27.8	4	26-Aug-02	1:15 PM	4.50	22.0	C1-P2	C2-P1	S1-F1	F1	0	
2-Sep-02	4.0	1	26.0	4	2-Sep-02	12:00 PM	3.50	21.5	C1-P1	C2-P1	S1-F1	F1	0	
9-Sep-02	2.0	1	23.8	3	9-Sep-02	3:00 PM	3.75	20.0	C1-P1	C2-P1	S1-F1	F2	0	
16-Sep-02	4.0	7	22.5	2	17-Sep-02	3:30 PM	3.25	20.0	C1-P1	C2-P1	S1-F1	F2	0	
23-Sep-02	4.0	2	20.0	3	23-Sep-02	3:30 PM	3.75	19.0	C1-P1	C1-P1	S1-F1	NP	0	
					1-Oct-02	12:00 PM	4.25	17.0	C1-P1	C1-P1	S1-F1	NP	0	
Min	0.0		20.0		Min		3.00	4.5						
Max	145.0		85.5		Max		5.50	24.0						
Total	1126.4													

## Appendix A - Level I Data

### Trout

Daily Data Summary					Weekly Data Summary									
	Sum		Avg lk											
Week of	precip. (mm)	# of days	level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.0	7	16.0	7										
8-Oct-01	16.0	7	16.7	7										
15-Oct-01	16.0	7	17.9	7										
22-Oct-01	42.0	7	20.1	7										
29-Oct-01	35.0	7	24.4	7										
5-Nov-01	10.0	7	25.4	7										
12-Nov-01	138.0	7	37.0	7										
19-Nov-01	59.0	7	41.9	7										
26-Nov-01	64.0	7	44.0	7										
3-Dec-01	39.0	7	44.6	7										
10-Dec-01	71.0	7	50.4	7										
17-Dec-01	23.0	7	51.6	7										
24-Dec-01	8.0	7	38.0	7										
31-Dec-01	37.0	7	37.6	7										
7-Jan-02	46.0	7	47.3	7										
14-Jan-02	20.0	7	36.9	7										
21-Jan-02	49.0	7	43.3	7										
28-Jan-02	23.0	7	45.4	7										
4-Feb-02	33.0	7	41.9	7										
11-Feb-02	6.0	7	37.4	7										
18-Feb-02	61.0	7	39.7	7										
25-Feb-02	0.0	7	42.4	7										
4-Mar-02	4.0	7	31.1	7										
11-Mar-02	51.0	7	37.0	7										
18-Mar-02	52.0	7	46.6	7										
25-Mar-02	3.0	7	36.7	7										
1-Apr-02	4.0	7	28.9	7										
8-Apr-02	88.0	7	34.0	7										
15-Apr-02	13.0	7	44.1	7										
22-Apr-02	17.0	7	31.0	7										
29-Apr-02	0.0	7	27.9	7										
6-May-02	15.0	7	26.1	7										
13-May-02	13.0	7	27.0	7										
20-May-02	10.0	7	25.6	7										
27-May-02	17.0	7	24.1	7										
3-Jun-02	12.0	7	22.1	7										
10-Jun-02	0.0	7	20.9	7										
17-Jun-02	3.0	7	20.0	7										
24-Jun-02	31.0	7	19.1	7										
1-Jul-02	15.0	7	20.1	7										
8-Jul-02	0.0	7	20.9	7										
15-Jul-02	0.0	7	18.9	7	15-Jul-02	3:00 PM	2.00	24.0	NA	NA			25	
22-Jul-02	0.0	7	17.3	7										
29-Jul-02	0.0	6	16.0	6	29-Jul-02	3:00 PM	2.00	24.0	NA	NA			25	
5-Aug-02	0.0	7	15.0	7										
12-Aug-02	0.0	7	13.9	7										
19-Aug-02	0.0	7	12.6	7										
26-Aug-02	0.0	7	11.4	7	26-Aug-02	1:00 PM	2.00	22.0	NA	NA	NP	NP	0	
2-Sep-02	4.0	7	10.7	7										
9-Sep-02	5.0	7	10.1	7										
16-Sep-02	0.0	7	10.0	7										
23-Sep-02	3.0	8	9.5	8	23-Sep-02	1:00 PM	2.00	18.5	NA	NA			0	
Min	0.0		9.5			Min	2.00	18.5						
Max	138.0		51.6			Max	2.00	24.0						
Total	1156.0													

## Twelve

Daily Data Summary					Weekly Data Summary									
	Sum		Avg lk											
Week of	precip. (mm)	# of days	level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.1	7	34.9	7	1-Oct-01	4:35 PM	2.70	17.0						
8-Oct-01	34.0	6	35.3	6	8-Oct-01	4:00 PM	2.50	14.5						
15-Oct-01	24.0	7	37.5	7	15-Oct-01	11:30 AM	3.75	13.5						
22-Oct-01	58.0	7	41.3	7	23-Oct-01	10:45 AM	2.70	11.0						
29-Oct-01	26.0	7	44.6	7	2-Nov-01	3:00 AM	2.70	11.0						
5-Nov-01	2.0	7	52.5	7	5-Nov-01	4:00 PM	3.00	9.0						
12-Nov-01	151.0	7	63.2	7	12-Nov-01	3:30 PM	2.75	9.0						
19-Nov-01	78.0	7	65.9	7	21-Nov-01	12:10 PM	2.70	8.5						
26-Nov-01	76.0	7	65.4	7	26-Nov-01	3:30 PM	2.70	7.0						
3-Dec-01	49.0	7	64.2	7	3-Dec-01	3:00 PM	3.00	5.5						
10-Dec-01	106.0	6	66.3	6	10-Dec-01	4:05 PM	2.60	5.0						
17-Dec-01	38.0	7	68.1	7	17-Dec-01	2:30 PM	2.80	5.5						
24-Dec-01	6.0	7	57.5	7	24-Dec-01	3:45 PM	2.30	4.0						
31-Dec-01	32.0	7	54.1	7	31-Dec-01	3:30 PM	2.40	3.5						
7-Jan-02	65.0	7	59.7	7	7-Jan-02	3:00 PM	2.40	4.5						
14-Jan-02	35.0	7	56.9	7	14-Jan-02	2:50 PM	2.40	5.0						
21-Jan-02	33.0	6	61.4	7	21-Jan-02	10:15 AM	2.60	4.5						
28-Jan-02	36.0	6	63.8	6	28-Jan-02	3:05 PM	2.00	3.5						
4-Feb-02	44.0	7	62.1	7	4-Feb-02	1:45 PM	2.10	5.0						
11-Feb-02	4.0	7	58.4	7	7-Feb-02	3:35 PM	2.10	5.4						
18-Feb-02	88.0	7	59.5	7	18-Feb-02	2:30 PM	2.30	5.0						
25-Feb-02	2.0	7	60.9	7	25-Feb-02	3:45 PM	2.20	5.5						
4-Mar-02	12.1	7	54.9	7	4-Mar-02	4:15 PM	2.10	6.0						
11-Mar-02	77.0	7	57.9	7	11-Mar-02	3:50 PM	2.70	5.5						
18-Mar-02	77.0	7	65.1	7	19-Mar-02	3:45 PM	2.20	5.5						
25-Mar-02	8.1	7	59.5	7	25-Mar-02	3:10 PM	2.40	7.0						
1-Apr-02	7.0	7	53.0	7	1-Apr-02	4:15 PM	2.50	8.5						
8-Apr-02	97.0	7	55.3	7	8-Apr-02	3:00 PM	3.80	11.0						
15-Apr-02	26.1	7	64.0	7	16-Apr-02	3:55 PM	3.00	10.0						
22-Apr-02	18.1	7	61.7	7	22-Apr-02	3:55 PM	3.50	10.0						
29-Apr-02	7.0	7	60.5	7	29-Apr-02	3:50 PM	4.75	13.5						
6-May-02	26.0	7	60.2	7	5-May-02		2.50	10.0						
13-May-02	17.0	7	59.6	7	14-May-02	4:20 PM	4.00	14.0						
20-May-02	21.1	7	59.5	7	20-May-02	3:25 PM	4.80	16.5						
27-May-02	30.1	6	60.1	7	27-May-02	4:45 PM	3.10	18.5						
3-Jun-02	12.0	7	58.7	6										
10-Jun-02	0.0	7	57.8	7	10-Jun-02	3:15 PM	4.90	18.5						
17-Jun-02	3.0	7	56.2	6	17-Jun-02	5:00 PM	3.70	19.5						
24-Jun-02	31.0	7	56.0	7	24-Jun-02	6:00 PM	4.00	25.0						
1-Jul-02	15.0	7	56.9	7	1-Jul-02	4:30 PM	2.60	22.0	NA	NA	F2	NP	0	
8-Jul-02	0.0	7	55.9	7	8-Jul-02	6:10 PM	2.70	21.0	NA	NA	F2	NP	0	
15-Jul-02	0.0	7	52.8	7	15-Jul-02	4:00 PM	2.60	24.0	NA	NA	F2	NP	0	
22-Jul-02	0.0	7	51.4	5	22-Jul-02	4:00 PM	2.00	26.0	NA	NA	F2	NP	0	
29-Jul-02	1.0	7	49.6	7	29-Jul-02	5:00 PM	2.00	26.0	NA	NA	F2	NP	0	
5-Aug-02	8.0	7	47.4	7	5-Aug-02	4:00 PM	2.00	21.5	NA	NA	F2	NP	0	
12-Aug-02	0.0	7	45.2	7	12-Aug-02	6:00 PM	3.90	23.5	NA	NA	F3	NP	0	
19-Aug-02	5.0	7	42.9	7	19-Aug-02	4:30 PM	3.50	23.0	NA	NA	F3	NP	0	
26-Aug-02	5.1	7	41.5	7	26-Aug-02	4:50 PM	3.10	23.0	NA	NA	F3	NP	0	
2-Sep-02	12.1	7	40.3	7	2-Sep-02	3:15 PM	2.80	21.0	NA	NA	F3	NP	0	
9-Sep-02	2.0	7	38.9	7	9-Sep-02	9:55 AM	2.75	20.0	NA	NA	F3	NP	0	
16-Sep-02	23.1	7	38.4	7	16-Sep-02	3:00 PM	2.50	20.0	NA	NA	F3	NP	0	
23-Sep-02	8.1	8	36.8	8	23-Sep-02	4:15 PM	1.70	19.5	C3	C3	F3	NP	0	
					30-Sep-02	3:20 PM	1.20	16.5	C3	C3	F3	NP	0	
Min	0.0		34.9		Min		1.20	3.5						
Max	151.0		68.1		Max		4.90	26.0						
Total	1535.7													

## Appendix A - Level I Data

### Welcome

Daily Data Summary			Weekly Data Summary								
Week of	Sum precip. (mm)	Avg lk level (cm)	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count
1-Oct-01											
7-Oct-01	0.0	29.5	7-Oct-01		2.20	13.8					
14-Oct-01	47.0	41.0	14-Oct-01		2.40	12.8					
21-Oct-01	40.0	48.0	21-Oct-01		2.30	11.0					
28-Oct-01	57.0	78.0	28-Oct-01		2.10	9.8					
4-Nov-01	19.0	74.0	4-Nov-01		2.10	9.9					
11-Nov-01	11.0	68.0	11-Nov-01		2.10	8.3					
18-Nov-01	107.0										
25-Nov-01	106.0	100.2	25-Nov-01		1.20	7.5					
2-Dec-01	90.0										
9-Dec-01	38.0	91.0	9-Dec-01		2.10	5.3					
16-Dec-01	93.0										
23-Dec-01	22.0	83.0	23-Dec-01		2.20	4.0					
30-Dec-01	4.0	79.0	30-Dec-01		2.00	3.5					
6-Jan-02	27.0										
13-Jan-02	49.0	88.0	13-Jan-02		2.00	6.1					
20-Jan-02	26.0										
27-Jan-02	40.0										
3-Feb-02	25.0	94.0	3-Feb-02		2.00	4.0					
10-Feb-02	37.0	93.0	10-Feb-02		2.00	4.7					
17-Feb-02	15.0										
24-Feb-02	71.0	100.2	24-Feb-02		2.00	6.8					
3-Mar-02	8.0	81.0	3-Mar-02		2.20	5.8					
10-Mar-02	15.0										
17-Mar-02	50.0	89.0	17-Mar-02		2.00	5.5					
24-Mar-02	22.0										
31-Mar-02	17.0	79.0	31-Mar-02		2.00	8.4					
7-Apr-02	0.0										
14-Apr-02											
21-Apr-02	<b>83.0</b>	61.0	21-Apr-02		1.60	10.0					
28-Apr-02	12.0	54.0	28-Apr-02		2.80	11.0					
5-May-02	3.0	50.0	5-May-02		1.90	11.9					
12-May-02	6.0	50.0	12-May-02		2.00	14.3					
19-May-02	14.0	50.0	19-May-02		2.40	15.7					
26-May-02	11.0	49.0	26-May-02		2.60	16.5					
2-Jun-02	12.0	50.0	2-Jun-02		2.60						
9-Jun-02	12.0	50.0	9-Jun-02		3.10	16.3					
16-Jun-02	0.0	44.0	16-Jun-02		2.50	21.3					
23-Jun-02											
30-Jun-02	31.0	45.0	30-Jun-02		2.40	21.2					
7-Jul-02	12.0	43.0	7-Jul-02		1.80	21.1					
14-Jul-02	12.0	40.0	14-Jul-02		1.90	23.0					
21-Jul-02	0.0	35.0	21-Jul-02		1.90	23.9					
28-Jul-02	0.0	31.0	28-Jul-02		2.00	22.2					
4-Aug-02	0.0										
11-Aug-02	4.0	29.0	11-Aug-02		2.60	21.5					
18-Aug-02	0.0										
25-Aug-02	3.0	24.0	25-Aug-02		3.30						
1-Sep-02	0.0										
8-Sep-02	3.0	21.0	8-Sep-02		3.00	18.8					
15-Sep-02	0.0	20.0	15-Sep-02		3.20	20.0					
22-Sep-02	4.0	19.0	22-Sep-02		3.80	17.0					
29-Sep-02	14.0										
Min	0.0	19.0		Min	1.60	3.5					
Max	107.0	100.2		Max	3.80	23.9					
Total	1272.0										
* Precipitation numbers are weekly accumulations. Number in bold is anomalously high for the region.											

\* Precipitation numbers are weekly accumulations. Number in bold is anomalously high for the region.



## Wilderness

Daily Data Summary					Weekly Data Summary									
Week of	Sum precip. (mm)	# of days	Avg lk level (cm)	# of days	Sample date	Sample time	Secchi (m)	Temp (°C)	Algae shore	Algae deep	Plants shore	Plants deep	Goose count	
1-Oct-01	0.0	7	-6.0	7	30-Sep-01	10:00 AM	3.00	17.0						
8-Oct-01	23.1	7	-11.9	7	7-Oct-01	1:45 PM	3.00	16.0						
15-Oct-01	18.0	7	-15.3	7	14-Oct-01	4:45 PM	3.50	15.0						
22-Oct-01	38.0	7	-18.1	7	21-Oct-01	3:00 PM	4.00	13.0						
29-Oct-01	30.0	7	-18.3	7	28-Oct-01	3:00 PM	4.00	11.5						
5-Nov-01	6.0	7	-19.6	7	4-Nov-01	3:45 PM	5.00	11.0						
12-Nov-01	137.0	7	-4.4	7	11-Nov-01	2:00 PM	5.00	10.0						
19-Nov-01	55.0	7	12.1	7	18-Nov-01	12:45 PM	4.50	9.5						
26-Nov-01	62.0	7	25.6	7	25-Nov-01	2:30 PM	6.00	8.5						
3-Dec-01	38.0	7	40.6	7	2-Dec-01	9:00 AM	6.50	7.5						
10-Dec-01	104.0	7	59.7	7	9-Dec-01	11:30 AM	8.00	6.7						
17-Dec-01	17.1	7	83.9	7	15-Dec-01	3:30 PM	7.50	6.0						
24-Dec-01	4.0	7	87.0	7	23-Dec-01	2:35 PM	7.00	5.5						
31-Dec-01	21.0	7	85.9	7	30-Dec-01	9:30 AM	8.00	4.5						
7-Jan-02	49.2	7	87.4	7	6-Jan-02	11:05 AM	5.75	5.0						
14-Jan-02	34.1	7	84.7	7	13-Jan-02	1:05 PM	5.50	5.5						
21-Jan-02	62.1	7	86.6	7	20-Jan-02	10:30 AM	5.00	5.0						
28-Jan-02	34.1	7	89.9	7	26-Jan-02	3:00 PM	5.50	5.0						
4-Feb-02	30.1	7	90.0	7	3-Feb-02	10:30 AM	6.00	4.5						
11-Feb-02	3.0	7	88.4	7	10-Feb-02	10:40 AM	6.50	5.0						
18-Feb-02	64.0	7	89.1	7	17-Feb-02	10:30 AM	6.00	5.0						
25-Feb-02	0.0	7	89.7	7	24-Feb-02	10:45 AM	5.50	6.0						
4-Mar-02	5.1	7	87.4	7	3-Mar-02	2:35 PM	6.00	7.0						
11-Mar-02	49.1	7	88.4	7	10-Mar-02	3:45 PM	5.50	6.0						
18-Mar-02	48.0	7	90.0	7	17-Mar-02	12:00 PM	5.50	6.0						
25-Mar-02	3.1	7	89.0	7	24-Mar-02	2:30 PM	4.50	7.5						
1-Apr-02	4.0	7	85.7	7	31-Mar-02	11:00 AM	4.50	7.5						
8-Apr-02	95.0	7	87.3	7	7-Apr-02	3:30 PM	4.00	10.0						
15-Apr-02	11.0	7	93.0	7	14-Apr-02	1:30 PM	4.25	11.0						
22-Apr-02	9.1	7	90.4	7	21-Apr-02	2:00 PM	5.50	10.0						
29-Apr-02	2.1	7	87.6	7	28-Apr-02	9:20 AM	7.50	11.0						
6-May-02	4.0	6	86.9	7	5-May-02	11:00 AM	6.00	11.0						
13-May-02	8.0	7	85.6	7	12-May-02	9:30 AM	5.00	13.5						
20-May-02	6.0	7	84.6	7	19-May-02	2:40 PM	5.00	15.0						
27-May-02	17.1	7	82.3	7	26-May-02	4:00 PM	6.00	17.0						
3-Jun-02	9.0	7	77.3	7	2-Jun-02	10:30 AM	7.00	18.0						
10-Jun-02	0.0	7	73.0	7	9-Jun-02	3:45 PM	5.50	18.5						
17-Jun-02	12.1	7	68.9	7	16-Jun-02	12:45 PM	5.00	21.0						
24-Jun-02	32.0	7	68.4	7	23-Jun-02	6:00 PM	4.50	22.5						
1-Jul-02	8.0	7	65.3	7	30-Jun-02	10:45 AM	4.50	21.0						P2
8-Jul-02	9.0	7	62.4	7	6-Jul-02	11:00 AM	3.50	21.0	C2	P1	NP	NP	12	
15-Jul-02	0.1	7	57.3	7	14-Jul-02	2:30 PM	3.25	23.5	P2	P2	NP	NP	0	
22-Jul-02	0.1	7	53.1	7	21-Jul-02	11:00 AM		24.0					8	
29-Jul-02	3.0	7	46.9	7	28-Jul-02	4:30 PM	6.75	22.5	P1	NA	P1	NP	0	
5-Aug-02	0.0	7	40.7	7	4-Aug-02	2:45 PM	7.00	21.0	P1	P1	NP	NP	0	
12-Aug-02	0.0	7	35.0	7	11-Aug-02	3:30 PM	6.75	22.5	P1	P1	NP	NP	0	
19-Aug-02	0.0	7	29.1	7	18-Aug-02	3:30 PM	6.50	23.5	P2	P1	NP	NP	0	
26-Aug-02	1.0	7	23.4	7	25-Aug-02	4:30 PM	6.50	22.0		P2	NP	NP	0	
2-Sep-02	7.1	7	17.9	7	1-Sep-02	10:15 AM	6.00	21.5	P2	P2	NP	NP	0	
9-Sep-02	0.0	7	12.3	7	8-Sep-02	12:50 PM	4.25	19.0	P1	P1	NP	NP	0	
16-Sep-02	3.0	7	6.6	7	15-Sep-02	3:05 PM	5.50	20.5	P1	P1	NP	NP	0	
23-Sep-02	7.0	8	0.3	8	22-Sep-02	11:30 AM	5.50	19.0	P1	P1	NP	NP	0	
					29-Sep-02	1:30 PM	6.00	18.0	P1	P1	NP	NP	0	
Min	0.0		-19.6		Min		3.25	4.5						
Max	137.0		93.0		Max		8.00	24.0						
Total	1182.1													

